

# SUPPLEMENT

TO THE

THIRTY-NINTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND  
FISHERIES, BEING PARTLY FOR THE FISCAL YEAR ENDED JUNE 30,  
1906, AND PARTLY FOR THE CALENDAR YEAR 1906.

## MARINE

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## REPORTS

OF THE

## HARBOUR COMMISSIONERS

FOR

TORONTO, QUEBEC, THREE RIVERS, BELLEVILLE, NORTH SYDNEY, PICTOU  
AND MONTREAL, 1906.

AND PILOTAGE AUTHORITIES

CERTIFICATES TO MASTERS AND MATES

THE HARBOUR AND SHIPPING MASTERS, CERTAIN PORT WARDENS AND  
STATEMENT OF WRECKS AND CASUALTIES,

CHIEFLY UP TO THE

31st DAY OF DECEMBER, 1906.

*PRINTED BY ORDER OF PARLIAMENT*



OTTAWA

PRINTED BY S. E. DAWSON, PRINTER TO THE KING'S MOST  
EXCELLENT MAJESTY

1907







OTTAWA, August, 1907.

Hon. LOUIS-PHILIPPE BRODEUR,  
Minister of Marine and Fisheries

SIR,—I have the honour to submit herewith the Supplement to the thirty-ninth Annual Report of the Marine Branch of the Department of Marine and Fisheries, being for the year 1906, containing a statement of merchant shipping, wrecks and casualties ; lists of certificates granted to masters and mates ; the reports of the harbour commissioners of Toronto, Belleville, Quebec, Three Rivers, North Sydney and Montreal for 1906 ; list of harbour masters ; reports of harbour masters generally ; reports of pilotage commissioners ; reports of port wardens, and list of shipping masters.

I have the honour to be, sir,

Your obedient servant,

F. GOURDEAU, Lt.-Col.,  
*Deputy Minister of Marine and Fisheries,*







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APPENDIX 1

MERCHANT SHIPPING.

The total number of vessels remaining on the register books of the Dominion on the 31st December, 1906, including old and new vessels, sailing vessels, steamers and barges, was 7,512 measuring 654,179 tons register tonnage, being an increase of 187 vessels, and a decrease of 15,646 tons register, as compared with 1905. The number of steamers on the registry books on the same date was 2,810, with a gross tonnage of 375,263 tons. Assuming the average value to be \$30 per ton, the value of the registered tonnage of Canada, on the 31st December last, would be \$19,625,370.

The number of new vessels built and registered in the Dominion of Canada during the last year was 397, measuring 21,741 tons register tonnage. Estimating the value of the new tonnage at \$45 per ton, it gives a total value of \$978,345 for new vessels.

A statement follows, showing the number of vessels and number of tons on the register books at the different ports of registry in the Dominion, on the 31st December last, along with a comparative statement of the tonnage from 1874 to 1906. A statement is also published of the number of vessels built and registered in the Dominion during the last year, and a comparative statement of the number of new vessels built and registered from 1874 to 1906, both inclusive. A comparative statement is also given of the tonnage of the Maritime States of the world.

STATEMENT showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, on December 31, 1906.

PROVINCE OF NEW BRUNSWICK.

Name of Port.	Total Number of Sailing Ships and Steamers.	Number of Steamers.	Gross Tonnage of Steamers.	Total Net Tonnage of Sailing Ships and Steamers.
Chatham.....	373	49	2,212	7,883
Dorchester.....	9	2	9	1,889
Moncton.....	14	2	119	1,419
Richibucto.....	16	4	129	479
Sackville.....	11	3	65	637
St. Andrews.....	177	8	604	3,606
St. John.....	339	82	9,342	28,558
Total .....	939	150	12,480	44,471



STATEMENT showing the number of Vessels and numbers of tons on the Registry Books,  
&c.—Continued.

PROVINCE OF NOVA SCOTIA.

Name of Port.	Total Number of Sailing Ships and Steamers.	Number of Steamers.	Gross Tonnage of Steamers.	Total Net Tonnage of Sailing Ships and Steamers.
Amherst.....	6	1	109	244
Annapolis Royal.....	44	1	32	5,930
Arichat .....	121	2	71	3,490
Barrington.....	87	6	206	2,203
Canso.....	34	.....	.....	670
Digby.....	141	9	351	5,302
Guysboro'.....	12	.....	.....	537
Halifax.....	426	79	12,246	21,347
Liverpool.....	98	5	369	9,058
Lunenburg.....	309	9	725	26,593
Maitland.....	22	1	88	11,151
Parrsboro.....	105	5	568	22,681
Pictou.....	57	20	2,716	5,407
Port Hawkesbury.....	66	4	155	1,809
Port Medway.....	19	1	138	1,613
Shelburne.....	81	3	56	4,298
Sydney.....	97	24	1,223	4,689
Truro.....	.....	.....	.....	.....
Weymouth.....	37	1	5	2,779
Windsor.....	100	14	1,454	40,424
Yarmouth.....	297	27	4,647	17,103
Total.....	2,159	212	25,159	187,328

PROVINCE OF QUEBEC.

Amherst (Magdalen Islands).....	15	2	492	624
Gaspé.....	28	1	921	1,694
Montreal.....	638	244	68,432	99,502
Paspebiac.....	15	3	88	1,189
Quebec.....	636	151	19,731	39,394
Sorel .....	12	5	309	937
Total.....	1,344	406	89,973	143,340

PROVINCE OF ONTARIO.

Amherstburg.....	14	9	364	389
Belleville.....	16	13	306	458
Bowmanville.....	3	.....	.....	451
Brockville.....	27	26	741	476
Chatham.....	19	12	336	529
Cobourg.....	6	1	23	772
Collingwood.....	76	73	10,018	7,238
Cornwall.....	2	2	46	32
Deseronto.....	17	11	801	1,182
Dunville.....	1	.....	.....	57
Fort William.....	.....	.....	.....	.....
Goderich.....	45	36	2,343	2,307
Hamilton.....	56	48	12,992	9,241
Kenora.....	65	62	2,131	1,519
Kingston .....	188	116	12,139	19,809
Lindsay.....	51	31	631	1,710
Midland.....	16	14	7,561	5,437
Napanee.....	1	.....	.....	122
Oakville.....	1	.....	.....	26
Ottawa .....	392	234	30,191	30,893
Owen Sound.....	44	38	3,063	3,703
Peterborough.....	49	45	1,270	1,096



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STATEMENT showing the number of Vessels and number of Tons on the Registry Books,  
&c.—*Concluded.*

PROVINCE OF ONTARIO—*Continued.*

Name of Port.	Total Number of Sailing Ships and Steamers.	Number of Steamers.	Gross Tonnage of Steamers.	Total Net Tonnage of Sailing Ships and Steamers.
Picton .....	21	13	2,911	3,113
Port Arthur .. .	51	38	3,345	6,152
Port Burwell.....	8	7	80	110
Port Dover.....	14	9	258	632
Port Hope.....	42	28	1,956	3,189
Port Stanley.....	9	9	185	125
Prescott.....	38	18	1,197	5,957
Sarnia.....	45	35	10,450	9,027
Southampton.....	14	12	593	607
Sault Ste. Marie.....	55	47	4,365	8,214
St. Catharines.....	97	60	3,970	10,885
Simcoe.....	5	2	35	271
Toronto.....	389	301	38,791	33,847
Wallaceburg.....	33	19	1,328	2,528
Whitby.....	3	.....	.....	514
Windsor.....	65	32	7,814	7,722
Total.....	1,978	1,401	162,234	180,340

PROVINCE OF PRINCE EDWARD ISLAND.

Charlottetown .....	149	16	3,923	10,761
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PROVINCE OF BRITISH COLUMBIA.

New Westminster.....	166	97	6,861	10,183
Vancouver.....	371	272	22,233	23,886
Victoria.....	245	138	41,636	43,676
Total.....	782	507	70,730	77,746

PROVINCE OF SASKATCHEWAN.

Prince Albert.....	1	1	141	89
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PROVINCE OF MANITOBA.

Winnipeg .....	149	107	8,138	8,341
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YUKON DISTRICT.

Dawson.....	11	10	2,485	1,763
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SUMMARY.

New Brunswick.....	939	150	12,480	44,471
Nova Scotia .....	2,159	212	25,159	187,328
Quebec.....	1,344	406	89,973	143,340
Ontario.....	1,978	1,401	162,234	180,340
P. E. Island .....	149	16	3,923	10,761
British Columbia .....	782	507	70,730	77,746
Manitoba.....	149	107	8,138	8,341
Yukon District .....	11	10	2,485	1,763
Saskatchewan.....	1	1	141	89
Grand Total .. .	7,512	2,810	375,263	654,179



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COMPARATIVE STATEMENT showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, on the 31st December, in each Year, from 1874 to 1906, both inclusive.

Provinces.	1874.		1875.		1876.		1877.		1878.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	1,144	294,741	1,133	307,926	1,154	324,513	1,133	329,457	1,142	335,965
Nova Scotia...	2,787	479,669	2,786	505,144	2,867	529,252	2,961	541,579	3,003	553,368
Quebec...	1,837	218,946	1,831	222,965	1,902	228,592	1,951	248,399	1,676	248,349
Ontario...	815	113,008	825	114,990	889	123,947	926	131,761	958	135,440
P. E. Island....	312	48,388	335	50,677	338	50,692	342	55,547	322	54,250
B. Columbia...	35	3,611	40	3,685	40	3,869	43	3,479	51	4,482
Manitoba.....			2	178	2	178	6	246	16	1,161
Total.....	6,930	1,158,363	6,952	1,205,565	7,192	1,260,893	7,362	1,310,468	7,169	1,333,015
Provinces.	1879.		1880.		1881.		1882.		1883.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	1,135	340,491	1,097	336,976	1,087	333,215	1,065	308,980	1,107	315,906
Nova Scotia...	2,975	552,159	2,977	550,448	3,025	558,911	3,026	546,778	3,037	541,715
Quebec...	1,975	246,025	1,889	233,341	1,830	224,936	1,754	215,804	1,739	216,577
Ontario...	1,006	136,987	1,042	137,481	1,081	139,998	1,112	137,061	1,153	140,972
P. E. Island....	298	49,807	288	45,931	273	45,410	248	41,684	241	49,446
B. Columbia...	60	4,701	63	5,049	74	6,296	84	7,687	94	9,046
Manitoba...	22	1,924	21	1,992	24	2,130	23	2,783	24	2,778
Total....	7,471	1,332,094	7,377	1,311,318	7,394	1,310,896	7,312	1,260,777	7,375	1,276,440
Provinces.	1884.		1885.		1886.		1887.		1888.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	1,096	308,132	1,060	298,589	1,042	269,224	1,027	255,126	1,009	239,332
Nova Scotia....	2,942	544,048	2,988	541,848	2,929	526,921	2,845	498,878	2,851	485,709
Quebec...	1,628	202,842	1,631	203,635	1,659	232,656	1,586	189,064	1,498	178,520
Ontario...	1,184	142,387	1,223	144,487	1,248	140,929	1,275	139,548	1,330	139,502
P. E. Island....	234	39,213	227	36,040	225	30,658	225	29,031	218	26,586
B. Columbia...	116	11,403	123	11,834	134	11,900	149	12,789	167	14,249
Manitoba...	55	5,722	63	5,439	65	5,578	71	5,871	69	5,744
Total.....	7,255	1,253,747	7,315	1,231,856	7,293	1,217,766	7,178	1,130,307	7,142	1,089,642
Provinces.	1889.		1890.		1891.		1892.		1893.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	1,013	218,873	981	209,460	969	193,193	946	181,779	1,010	156,086
Nova Scotia....	2,855	464,431	2,793	464,194	2,778	461,758	2,731	425,690	2,715	396,263
Quebec...	1,455	168,500	1,399	164,003	1,404	162,330	1,408	162,638	1,426	161,121
Ontario...	1,352	141,839	1,312	138,738	1,345	138,914	1,347	141,750	1,370	146,665
P. E. Island....	224	25,506	231	26,080	195	23,316	196	22,706	188	20,970
B. Columbia...	176	15,241	196	16,025	246	19,767	298	23,448	315	24,900
Manitoba...	77	6,091	79	6,475	78	6,197	81	6,118	89	6,534
Total.....	7,152	1,040,481	6,991	1,024,974	7,015	1,005,475	7,007	964,129	7,113	912,539



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COMPARATIVE STATEMENT showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, &c.—*Continued.*

Provinces.	1894.		1895.		1896.		1897.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick.....	1,003	136,257	975	122,417	964	115,506	923	103,583
Nova Scotia.....	2,710	371,432	2,683	343,346	2,669	317,526	2,204	283,056
Quebec.....	1,427	160,590	1,454	158,776	1,469	158,649	1,480	158,077
Ontario.....	1,480	148,525	1,508	148,609	1,525	146,522	1,424	135,349
P. E. Island.....	191	13,650	190	19,323	174	16,540	174	15,812
B. Columbia ..	336	26,455	346	25,988	363	26,622	364	26,604
Manitoba.....	98	6,715	106	7,307	115	7,934	115	7,272
Total.....	7,245	869,624	7,262	825,776	7,279	789,299	6,684	731,754

  

	1898.		1899.		1900.		1901.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick.....	903	89,257	920	86,288	927	78,708	915	75,293
Nova Scotia.....	2,167	262,176	2,121	243,457	2,121	226,817	1,980	214,560
Quebec.....	1,378	144,447	1,375	144,586	1,247	138,136	1,265	142,664
Ontario.....	1,452	134,180	1,488	135,234	1,610	141,112	1,635	145,227
P. E. Island.....	178	15,979	171	14,660	176	14,251	180	14,720
B. Columbia ..	444	40,304	488	44,415	515	51,095	676	62,102
Manitoba.....	121	7,439	126	9,108	128	7,147	139	7,445
Yukon District.....	.....	.....	5	1,604	11	3,268	11	2,463
Total.....	6,643	693,782	6,698	679,352	6,735	659,534	6,792	664,483

  

	1902.		1903.		1904.		1905.		1906.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick.....	017	64,605	929	56,508	933	54,855	838	40,145	939	44,471
Nova Scotia. . .	2,037	212,967	2,069	216,053	2,066	211,972	2,121	198,976	2,159	187,328
Quebec..	1,288	136,660	1,288	138,570	1,287	140,339	1,301	141,406	1,344	143,340
Ontario.. . . .	1,699	156,449	1,778	169,086	1,886	176,430	1,942	178,848	1,978	180,340
P. E. Island... .	156	13,464	164	13,739	161	12,200	158	11,924	146	10,761
B. Columbia... .	584	58,292	639	76,215	666	77,104	612	79,954	782	77,746
Manitoba.. . . .	139	7,536	139	7,695	141	7,765	142	7,809	149	8,341
Yukon District..	16	2,640	14	2,281	12	2,172	11	1,763	11	1,763
Saskatchewan.. .	.....	.....	.....	.....	.....	.....	.....	.....	3	89
Total....	6,836	652,613	7,020	683,147	7,152	582,838	7,325	669,825	7,512	654,179



List of Ports at which Vessels may be Registered, showing the number of New Vessels Built and Registered in the Dominion of Canada, during the Year ended December 31, 1906.

PROVINCE OF NEW BRUNSWICK.

Name of Port.	Total Number of Sailing Ships and Steamers.	Total Net Tonnage of Sailing Ships and Steamers.	Name of Port.	Total Number of Sailing Ships and Steamers.	Total Net Tonnage of Sailing Ships and Steamers.
Chatham.....	8	95			
Dorchester.....	1	3			
Moncton.....	Nil.	Nil.			
Richibucto.....	Nil.	Nil.			
Sackville.....	Nil.	Nil.			
St. Andrews.....	11	182			
St. John.....	3	151			
Total.....	23	431			

PROVINCE OF NOVA SCOTIA.

Amherst.....	1	76
Annapolis Royal.....	1	424
Arichat.....	6	100
Barrington.....	11	204
Canso.....	3	41
Digby.....	3	114
Guysboro'.....	Nil.	Nil.
Halifax.....	13	404
Liverpool.....	6	536
Lunenburg.....	35	2,480
Maitland.....	Nil.	Nil.
Parrsboro'.....	3	830
Pictou.....	Nil.	Nil.
Port Hawkesbury.....	Nil.	Nil.
Port Medway.....	Nil.	Nil.
Shelburne.....	10	854
Sydney.....	6	129
Truro.....	Nil.	Nil.
Weymouth.....	1	158
Windsor.....	2	320
Yarmouth.....	53	868
Total.....	154	7,538

PROVINCE OF QUEBEC.

Amherst (Magdalen Is-lands).....	2	134
Gaspé.....	Nil.	Nil.
Montreal.....	28	2,634
Paspébiac.....	Nil.	Nil.
Quebec.....	14	560
Sorel.....	6	612
Total.....	50	3,940

PROVINCE OF ONTARIO.

Amherstburg.....	Nil.	Nil.
Belleville.....	Nil.	Nil.
Bowmanville.....	Nil.	Nil.
Brockville.....	Nil.	Nil.
Chatham.....	Nil.	Nil.
Cobourg.....	Nil.	Nil.
Collingwood.....	2	243
Cornwall.....	Nil.	Nil.
Deseronto.....	Nil.	Nil.
Dunnville.....	Nil.	Nil.
Fort William.....	Nil.	Nil.
Goderich.....	2	65
Hamilton.....	Nil.	Nil.
Kenora.....	6	113
Kingston.....	9	167
Lindsay.....	Nil.	Nil.
Midland.....	2	375
Napanee.....	Nil.	Nil.
Oakville.....	Nil.	Nil.
Ottawa.....	10	742
Owen Sound.....	Nil.	Nil.
Peterborough.....	4	63
Picton.....	1	13
Port Arthur.....	3	1,796
Port Burwell.....	Nil.	Nil.
Port Dover.....	Nil.	Nil.
Port Hope.....	Nil.	Nil.
Port Stanley.....	12	9
Prescott.....	1	17
Sarnia.....	1	13
Southampton.....	Nil.	Nil.
Sault Ste. Marie.....	4	34
St. Catharines.....	2	302
Simcoe.....	Nil.	Nil.
Toronto.....	25	2,059
Wallaceburg.....	Nil.	Nil.
Whitby.....	Nil.	Nil.
Windsor.....	1	3
Total.....	74	6,014

PROVINCE OF PRINCE EDWARD ISLAND.

Charlottetown.....	4	147
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SSIONAL PAPER No. 23

LIST of Ports at which Vessels may be Registered, showing the number of new Vessels Built and Registered, &c.—*Concluded.*

PROVINCE OF BRITISH COLUMBIA.

Name of Port.	Total Number of Sailing Ships and Steamers.	Total Net Tonnage of Sailing Ships and Steamers.	Name of Port.	Total Number of Sailing Ships and Steamers.	Total Net Tonnage of Sailing Ships and Steamers.
New Westminster. . . .	6	552	SUMMARY.		
Vancouver.....	65	1,605	New Brunswick... . . .	23	431
Victoria.....	11	617	Nova Scotia.....	154	7,538
Total . . . . .	82	2,774	Quebec . . . . .	50	3,940
PROVINCE OF MANITOBA.			Ontario.....	74	6,014
Winnipeg . . . . .	9	808	Prince Edward Island ..	4	147
YUKON DISTRICT.			British Columbia.....	82	2,774
Dawson City.....	Nil.	Nil.	Manitoba.....	9	808
SASKATCHEWAN			Yukon District.....	Nil.	Nil.
Prince Albert . . . . .	1	89	Saskatchewan . . . . .	1	89
			Total.....	397	21,741



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COMPARATIVE STATEMENT of New Vessels Built and Registered in the Dominion  
1906 both

Provinces.	1874.		1875.		1876.		1877.		1878.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick .....	90	42,027	65	33,483	61	31,040	54	31,158	56	27,368
Nova Scotia .....	175	84,480	177	67,106	194	58,771	219	47,980	166	49,784
Quebec .....	73	20,796	103	22,825	51	17,800	62	19,253	46	10,870
Ontario .....	50	10,797	53	7,760	47	7,397	28	3,316	30	2,409
Prince Edward Island .....	88	24,634	83	19,838	62	14,571	62	17,026	38	10,382
British Columbia .....	5	276	.....	.....	1	121	2	204	2	45
Manitoba .....	.....	.....	.....	.....	.....	.....	3	48	1	15
	481	183,010	481	151,012	416	127,700	430	118,985	339	100,873
Add new vessels built in Canada which proceeded to the United Kingdom under a Governor's pass without being registered	6	7,746	.....	.....	3	2,721	2	2,943	1	663
Add new vessels which left Quebec for registration in Germany .....	.....	.....	.....	.....	1	480	.....	.....	.....	.....
Total .....	487	190,756	481	151,012	420	130,901	432	120,928	340	101,536

Provinces.	1886.		1887.		1888.		1889.		1890.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick .....	34	4,931	18	2,909	32	2,530	50	4,792	35	5,572
Nova Scotia .....	93	20,948	87	12,310	116	12,965	126	19,645	150	33,907
Quebec .....	27	2,683	28	2,888	23	2,669	27	3,759	25	4,880
Ontario .....	52	2,075	66	2,993	45	3,259	45	3,259	41	4,917
Prince Edward Island .....	12	1,318	7	601	12	1,412	12	1,503	12	2,008
British Columbia .....	8	154	9	376	18	448	12	840	15	876
Manitoba .....	3	98	8	439	1	11	8	548	7	218
Total ..	229	32,207	223	22,516	264	25,130	280	34,346	285	52,378

Provinces.	1898.		1899.		1900.		1901.		1902.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick .....	31	790	31	798	22	762	25	1,141	23	1,055
Nova Scotia ..	67	4,962	92	7,594	118	9,416	133	14,660	140	14,827
Quebec .....	51	4,139	35	5,943	50	4,301	43	7,421	16	1,990
Ontario .....	46	1,872	52	3,419	58	3,734	62	2,665	60	8,791
Prince Edward Island ..	5	372	3	56	3	106	6	589	8	530
British Columbia ..	72	12,228	51	2,734	43	3,837	62	7,728	36	2,550
Manitoba .....	6	159	13	554	3	109	3	112	10	137
Yukon District .....	.....	.....	.....	.....	1	61	1	165	3	336
Saskatchewan .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ..	278	24,522	277	21,098	297	22,326	335	34,481	296	30,216



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of Canada, during the Year ended December 31, in each Year, from 1874 to inclusive.

1879.		1880.		1881.		1882.		1883.		1884.		1885.	
Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
43	18,067	63	18,896	57	18,259	66	16,820	72	21,103	46	12,888	34	7,736
126	39,208	126	31,257	150	40,565	117	26,711	202	35,765	176	42,032	102	24,703
29	7,421	33	8,219	56	5,673	26	6,785	42	6,594	32	3,815	29	4,556
32	2,464	44	3,610	54	5,111	55	4,369	34	4,311	58	4,446	45	4,509
26	5,279	21	3,359	15	4,351	15	3,508	17	5,343	21	5,189	11	1,707
5	788	.....	.....	2	85	8	1,631	5	849	15	635	6	648
.....	.....	1	100	3	116	1	289	2	125	37	3,366	13	320
265	74,227	288	65,441	337	74,060	288	60,113	374	74,090	387	72,411	240	44,179
.....	.....	.....	.....	.....	.....	1	1,622	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
285	74,227	288	65,441	337	74,060	288	61,142	374	74,090	387	72,511	240	44,179

1891.		1882.		1893.		1894.		1895.		1896.		1897.	
Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
48	6,269	21	1,183	119	2,819	40	2,534	27	714	24	627	33	1,738
130	35,528	105	16,446	111	15,089	128	8,721	89	4,762	97	7,704	54	4,259
46	4,200	34	2,620	53	1,220	55	4,412	40	4,335	36	3,960	49	4,227
44	2,682	34	3,684	49	4,126	64	3,137	52	3,732	38	1,757	50	3,850
5	1,000	9	967	3	634	3	183	1	196	3	111	3	226
41	2,364	46	2,887	19	944	25	1,900	18	1,709	22	1,566	26	2,429
3	122	6	296	8	608	11	356	14	822	7	612	16	365
313	52,145	255	28,773	362	28,440	326	21,243	250	16,270	227	16,146	231	17,094

1903.		1904.		1905.		1906.		—		—		—	
Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
24	1,708	25	1,306	25	998	23	431	.....	.....	.....	.....	.....	.....
135	12,907	99	5,993	160	7,453	154	7,538	.....	.....	.....	.....	.....	.....
31	1,076	26	3,203	24	1,438	50	3,940	.....	.....	.....	.....	.....	.....
71	10,719	105	5,167	85	5,735	74	6,014	.....	.....	.....	.....	.....	.....
6	171	2	185	6	577	4	147	.....	.....	.....	.....	.....	.....
56	3,494	48	2,362	51	3,536	82	2,774	.....	.....	.....	.....	.....	.....
5	248	9	338	1	44	9	808	.....	.....	.....	.....	.....	.....
Nil.	Nil.	Nil.	Nil.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
348	30,323	308	18,554	352	19,781	397	21,741	.....	.....	.....	.....	.....	.....



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STATEMENT showing the Tonnage of each of the Maritime States of the World, compiled from the Répertoire Général for 1906-1907.

Nationality.	Steamers.	Gross Tonnage of Steamers.	Net Tonnage of Steamers.	Sailing Vessels.	Net Tonnage of Sailing Vessels.	Total Net Tonnage.
British.....	8,875	16,195,383	9,923,944	6,500	1,818,728	11,742,672
American.....	933	1,768,119	1,197,459	3,811	1,504,234	2,701,693
German.....	1,648	3,464,003	2,124,180	1,315	524,182	2,648,362
Norwegian.....	1,097	1,168,117	725,894	1,628	757,908	1,483,802
French.....	917	1,283,712	735,419	1,710	529,686	1,265,105
Russian.....	656	772,375	471,093	3,458	567,762	1,038,855
Italian.....	380	777,580	493,963	1,501	489,580	983,543
Japanese.....	734	984,524	623,810	1,325	167,016	790,820
Swedish.....	805	637,203	435,288	1,568	265,048	700,336
Canadian.....		*	*	*	*	*
Dutch.....	434	706,241	443,262	653	83,169	526,431
Spanish.....	469	687,483	423,566	550	84,380	507,946
Danish.....	469	584,883	357,426	981	121,489	478,915
Greek.....	220	355,885	221,946	883	180,113	402,059
Austrian.....	287	609,799	380,151	99	16,577	396,728
Turkish.....	125	113,432	70,800	902	186,690	257,490
Brazilian.....	225	154,197	95,969	366	66,539	161,508
Belgian.....	146	170,315	114,257	8	3,778	118,035
Argentine.....	180	124,021	73,106	163	43,817	116,923
Chilian.....	70	85,336	54,357	91	42,177	96,534
Portuguese.....	55	59,354	36,652	270	46,744	83,396
Cuban.....	46	54,067	34,680	119	11,315	45,995
Uruguayan.....	33	25,877	16,104	65	25,902	42,006
Chinese.....	45	61,202	39,615	8	1,447	41,062
Peruvian.....	6	8,780	5,687	53	21,943	27,630
Mexican.....	35	23,312	14,141	48	9,173	23,314
Roumanian.....	27	29,939	15,997	19	3,408	19,405
Honduras.....	9	16,310	10,400	1	257	10,657
Egyptian.....	21	14,472	8,031	8	2,480	10,511
Nicaraguan.....	3	1,753	420	8	4,996	5,416
Montenegrin.....				22	5,077	5,077
Venezuelan.....	9	3,951	2,096	19	2,819	4,915
Haitian.....	6	2,662	1,556	11	2,056	3,612
Bulgarian.....	5	4,328	2,629	1	110	2,739
Sarawak.....	4	3,597	2,261	1	347	2,608
Arabian.....				3	2,484	2,484
Siamese.....	7	3,359	1,918	3	545	2,463
Colombian.....	1	881	457	5	1,388	1,845
Guatemala.....				7	1,770	1,770
Corean.....	3	2,086	1,561			1,561
Dominican.....				9	1,246	1,246
Persian.....	2	1,328	885	1	107	992
Tunisian.....	2	584	304	3	615	919
Hawaiian.....				4	804	804
Liberian.....				2	686	686
Bolivian.....				1	607	607
Costa Rican.....	2	528	313	1	233	546
Panamanian.....	1	748	454			454
San Salvador.....				3	454	454
Zanzibar.....	2	508	308			308
Paraguay.....	1	282	232			232
Congo.....	2	599	200			200
Ecuador.....				2	199	199
Crete.....				1	111	111
Servian.....	1	264	102			102
Gibraltar.....				1	94	94
Unknown.....	6	8,560	5,464	20	6,966	12,430
Total.....	18,803	30,962,339	19,168,357	28,161	7,608,250	26,776,607

\* Included in British.



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LIST of vessels whose names have been changed by Order in Council, under Section 21 of Chapter 72 of the Revised Statutes of Canada, during the year ended December 31, 1906.

Official Number.	Present Name of Vessel.	Port of Registry.	Former Name of Vessel.
106075	A. W. Perry.....	Halifax.....	Beverly.
78142	Amherst.....	Port Medway.....	Lady Glover.
117032	Batchewana.....	Sault Ste. Marie.....	Robert A. Packer.
33746	Beauharnois.....	Ottawa.....	Richelieu.
121784	Bickerdike.....	Ottawa.....	Arabia.
92483	Briton (The).....	Bowmanville.....	S. and J. Collier.
77698	Cataract.....	Hamilton.....	Myles.
72737	Duchess of Bedford.....	Victoria.....	Beatrice.
112207	Dundurn.....	Hamilton.....	Pere Marquette No. 2.
121761	Erin.....	Vancouver.....	Sarah M. Renton.
107598	Erindale.....	Owen Sound.....	City of Owen Sound.
116903	Hugh G. ....	Parisboro'.....	Ida Bentley.
116954	Ionic.....	Sarnia.....	Cuba.
92723	Irene.....	Midland.....	Maud.
116951	Josephine.....	Quebec.....	Eva S. Robinson.
117149	Marion C. ....	Halifax.....	Orion
103805	May W. Edgett.....	Pictou, N.S.....	Island City.
92785	Premier.....	Toronto.....	Lincoln.
116813	Strathmore.....	Cobourg.....	Gordon Campbell.
122113	W. S. Calvert.....	Toronto.....	Berks.
107750	Wawa.....	Kingston.....	Kacymo.
116313	Winner.....	Amherstburg.....	J. K. Secox.

DEPARTMENT OF MARINE AND FISHERIES,  
OTTAWA, 1907.

F. GOURDEAU,  
*Deputy Minister of Marine and Fisheries.*



## APPENDIX 2

TORONTO HARBOUR COMMISSIONERS' REPORT FOR THE YEAR  
ENDING 31ST DECEMBER, 1906.

## GENERAL BALANCE SHEET.

Wharf Property.....	\$43,073 72	Balance to Cr. of Profit and Loss.....	\$63,483 84
Office Furniture.....	492 88		
Can. Per. Bonds.....	14,000 00		
Cash in Bank.....	5,906 00		
Cash on Hand.....	11 24		
	<u>\$63,483 84</u>		<u>\$63,483 84</u>

We have examined the books and vouchers and have compared the balance sheet with the said books and vouchers, and we certify the same to be correct and to represent a true statement of the affairs of the Trust at this date, December 31, 1906.

Adopted by Board at Meeting, January 7, 1907.

F. S. SPENCE,	} Commissioners.	S. BRUCE HARMAN,
<i>Chairman.</i>		SYDNEY H. JONES,
J. T. MATTHEWS,		<i>Auditors.</i>
<i>Vice-Chairman.</i>		
T. L. CHURCH,		COLIN W. POSTLETHAITE,
ALBERT J. KEELER,		<i>Harbour Master.</i>
J. G. H. HAGARTY.		

## PROFIT AND LOSS.

DR.			CR.
Solicitor's Account.....	\$ 122 00	Balance from Ledger.....	\$62,900 47
Furniture Account, written off.....	55 00	Canadian Pacific Railway..	4,000 00
Ottawa Deputation.....	25 40	Harbour Dues.....	6,888 96
Advertising for Tenders.....	9 00	Interest on Deposits.....	145 50
Insurance.....	17 50	Interest on Bonds.....	557 20
Charges, Commissioner's Fees, etc....	300 00		
Lights, Buoys and Beacons.....	224 91		
General Repairs, Queen's Wharf.....	2,302 32		
Printing and Stationery.....	62 20		
Dredging.....	4,752 61		
Office Expenses, Rent, &c.....	596 35		
Salaries.....	2,540 00		
Balance to Credit of Profit and Loss...	63,483 84		
	<u>\$74,492 13</u>		<u>\$74,492 13</u>

Audited and found correct.

Toronto, January 4, 1906.

S. BRUCE HARMAN,  
SYDNEY H. JONES,  
*Auditors.*



SESSIONAL PAPER No. 23

RECEIPTS AND EXPENDITURE.

RECEIPTS.		EXPENDITURE.	
Cash in Bank, Jan. 1, 1906.	\$ 5,270 11	Solicitor's Fees.....	\$ 122 00
Cash in Hand, Jan., 1906	8 76	Deputation to Ottawa.....	25 40
Canadian Pacific Railway Co.....	4,000 00	Advertising for Tenders.....	9 00
Harbour Dues .....	6,888 96	Insurance.....	17 50
Interest on Deposits.....	145 50	Charges, Commissioner's Fees..	300 00
Interest on Debentures.....	557 20	Lights, Buoys and Beacons.....	324 91
City Allowance for Buoys.....	100 00	Repairs, at Queen's Wharf, &c. ....	2,302 32
		Printing and Stationery.....	62 29
		Dredging.....	4,753 61
		Office Expenses and Rent..	596 35
		Salaries.....	2,540 00
		Cash in Bank..	5,906 00
		Cash on Hand.....	11 24
	\$16,970 53		\$16,970 53

Audited and found correct.

S. BRUCE HARMAN,  
SYDNEY H. JONES,  
*Auditors.*

Toronto, January 4, 1906.

COMPARATIVE STATEMENT.

GOODS arrived at Port of Toronto during the years 1905-6.

Description of Goods.	1905.	1906.
General Merchandise.....tons	42,758	48,138
Coal, Hard and Soft .....	182,453	162,502
Lake Stone.....toise	3,415	3,157
Fruit in packages .....	1,327	576
".....crates	18,873	45,539
".....baskets	273,566	244,924
".....bags	1,460	523
Ice.....tons	6,317	10,400
Paving and Fire Bricks.....	6,371	7,741
Grain.....bushels	18,000	14,700
Horses, Carriages and Cattle .....	201	254
Lumber.....feet B. M.		917,000
Oil in Bulk.....bbls.	18,073	15,694



TORONTO HARBOUR MASTERS FIFTY-SIXTH ANNUAL REPORT.

To the Commissioners of the Harbour of Toronto :

GENTLEMEN,—I have the honour to submit my report for the year 1906.

Last winter was an exceptionally mild one, so ice did not form in the harbour until January 8th, of this year. The harbour was clear of ice on April 1st, having been frozen over 82 days, or 33 days less than in 1905.

The first vessel to arrive was the s.s. *Macassa*, Captain Coonep, on March 10th, with freight and passengers from Hamilton. He got the hat. The last to arrive was the stone hooker, *H. M. Ballou*, Captain J. Johnston, on the 13th December, from Frenchman's bay. She had no cargo and was unable to proceed further than the Queen's wharf.

The number of vessels arriving this year is 3,406, or 74 more than in 1905. Below is a comparative statement of arrivals, viz.:—

	1905.	1906.	Increase.	Decrease.	Tonnage.	
					1905.	1906.
Propellers, loaded . . . . .	446	457	11	..	212,553	203,878
" light . . . . .	102	31	..	71		
Steamships, loaded . . . . .	2364	2513	149	..	1,141,042	1,267,304
" light . . . . .	..	2	2	..		
Sailing vessels, loaded ..	419	395	..	24	51,759	53,645
" " light . . . . .	1	8	7	..		
	3,332	3,406	169	95	1,405,859	1,524,827

The year commenced with a cash balance of \$5,278.87. The receipts for the year amount to \$11,691.66, making a total of \$16,070.53. The expenses for the year were \$11,053.29, leaving a cash balance of \$5,917.24, or about \$600 more than last year's balance.

The coal receipts for the year are as follows, viz. : Anthracite coal, 105,884 tons ; bituminous coal 56,618 tons ; in all 162,502 tons or 19,651 tons less than for 1905. There was a strike in the U.S. coal mines early in the spring, delaying shipments to Canada for some time, and that loss was never quite made up.

The total quantity of coal imported into Toronto by rail and vessel, as per returns from the government at Ottawa, is as follows, viz. : Anthracite coal, 559,571 tons ; bituminous coal, 657,753 tons ; in all 1,167,324 tons, a falling off of 95,694 tons.

The highest water for the year was 22 inches above zero, on July 6th, at the Queen's wharf gauge. The lowest water was 1½ inches above zero, on the 1st December. The average for the year was 13 inches above zero, or ¾ inches above the average for 1905.

The comparatively high water and the absence of any freshet in the River Don this spring, rendered dredging in the eastern part of the harbour unnecessary. Dredging was therefore confined to the western entrance, which was dredged to the rock, giving from 14 to 16 feet of water on the range course, and a foot less in the channel. Any subsequent shallowing, that has occurred in this channel, is to be attributed to the deposit from the Bathurst street sewer.

Total quantity of material removed was 19,376 cubic yards, at a cost of \$4,753.61.

The light-houses were lighted at the Queen's wharf, for the first time in the spring, on April 1st, and were discontinued on December 14th.

The buoys were placed out on April 2nd, and taken up on November 11th.



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The Queen's wharf was constructed in 1853. The upper part being a good deal out of repair, the commissioners decided to replace the wooden upper part with a more durable material, and during the summer, one hundred feet have been made of concrete at a cost of about \$2,200. It is proposed by the commissioners to continue this work, year by year, until the whole upper part of the wharf is of concrete. The cribs below low water mark were, upon examination, found to be perfectly sound.

A deputation consisting of representatives from the City Council, Board of Trade and Harbour Commissioners, proceeded to Ottawa on December 12th with the view of impressing upon the Minister of Public Works, the necessity of deepening the western channel to 18 feet, so as to allow any vessel on Lake Ontario to enter this, the most important port of refuge on the north shore, at any time and under any stress of weather. The minister promised that an expert report would be made, with a view of having this work done by the government, as the Harbour Commissioners have no means for so expensive an undertaking.

The west end of the Queen's wharf showing signs of decay, the white lighthouse was moved a few feet forwards upon solid ground, but the movement was so made that no material change was made to the range course, which is N. E. by N.  $\frac{1}{2}$  N.

There are 88 vessels wintering in the harbour this year, viz.: 11 passenger steamers; 9 freight propellers; 11 schooners; 12 ferries; 7 tug boats; 8 steam launches and about 30 sailing yachts; in all, about 17,160 tons register.

Mr. J. G. Sing, C.E., the government engineer-in-charge, reports as follows, under date 31st December, viz.: 'Dredging operations have been carried on during the past season at the eastern channel, and some 70,000 cubic yards of material moved therefrom. The governing depth is now 16.6 feet. Fourteen hundred and sixty-five feet of close sheet piling has been constructed in the channel side of the east pier, commencing at the northerly end of the one thousand feet previously completed. The cribs are thus secured from danger of being undermined. The greatest depth of water will be found in mid channel.'

Mr. R. F. Stupart, Director, Meteorological Observatory, Toronto, reports as follows, viz.: 'During the season of navigation, sixteen storm warnings were displayed at the Toronto Storm Signal Stations, and in nearly every case a storm succeeded the warning issued. The two heavy gales on Lake Ontario were those which were experienced between the 27th and the 28th of October, and between the 21st and 22nd of November.

'Although, undoubtedly, the majority of mariners heed the storm signals, there are others who seemingly, do not, and one wreck, on the lake this season, with much loss of life, can be directly attributed to the disregard of storm-signal warnings.

'The storm-signal station at the Eastern Gap was put in operation at the opening of the season. A 70 foot mast was erected to carry the signals, which owing to their altitude and the open sky line, can be seen from a long distance in every direction. The lamps or night-signals are lighted by electricity.

'The Queen's wharf signal station is also maintained, as it was considered to the best interests of the shipping trade that it should remain. The lanterns here, however, are not lighted by electricity, as the current has not yet been carried to the vicinity.

'A true velocity of the wind blowing on the lake, can now be ascertained from the latest improved wind gauge,' which is installed at the Eastern Gap Fog Alarm building.'

The precipitation for the year 1906 is: Rain, 27.21 inches; snow, reduced to water, 3.77 inches; in all 30.98 inches, or .22 inches less than for 1905.

I am, gentlemen, your obedient servant,

COLIN WM. POSTLETHWAITE.

*Harbour Master and Secretary.*







APPENDIX 3

REPORT OF THE QUEBEC HARBOUR COMMISSIONERS FOR THE YEAR  
ENDING DECEMBER 31, 1906.

(UNDER THE AUTHORITY OF THE QUEBEC HARBOUR COMMISSIONERS' ACT, 1899.)

QUEBEC, January 2, 1907.

To the Honourable  
L. P. BRODEUR,  
Minister of Marine and Fisheries,  
Ottawa.

SIR,—In compliance with the requirements of the Quebec Harbour Commissioners' Act, 1899, I have the honour to report as follows on the doings of the Quebec Harbour Commissioners for the year 1906.

CHIEF ENGINEER'S REPORT.

The annexed report (marked 'A'), from the Chief Engineer, Mr. St. Geo. Boswell, conveys information in regard to all matters coming under his care in connection with the commissioners' properties, the various additions and repairs made to them, and the work of securing the dock wall under contract with Messrs. M. P. & J. T. Davis.

WHARFINGER'S REPORT.

The annexed report (marked 'B'), from the wharfinger, Mr. P. Flynn, gives the usual information regarding the traffic of the Louise docks during the year 1906.

HARBOUR MASTER'S REPORT.

The annexed report (marked 'C'), from the harbour master, Mr. J. C. Sullivan gives information in regard to the opening and closing of navigation in the harbour, formation of ice, &c.

PREMISES LEASED.

Renewals for one year of premises leased have been given to Messrs. E. M. Lennon & Co., Whitehead & Turner, Canadian Import Co., Madden & Son, Julien Lapointe, Jos. Gingras, T. Davidson & Co., A. R. Pruneau & Co., and J. S. Thom.

Reynar's wharf, formerly occupied by the Quebec Coal Co., has been leased to the Department of Marine and Fisheries, and Store No. 11 and yard in the rear to Mr. J. B. E. Letellier, wholesale grocer.

REPAIRS TO PROPERTY.

Careful attention has been paid to the various properties of the commissioners, to maintain and bring them up to a first class condition.

Details will be found in the chief engineer's report.

SALOONS NEAR DOCKS.

The commissioners are pleased to note that the license commissioners have taken action on their recommendation and have refused to grant licenses to saloons in close



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proximity to the docks, thus taking a temptation out of the way of the sailors and the thousands of immigrants who are arriving there during the season of navigation.

#### SECURING DOCK WALLS.

The work of securing the dock walls, necessitated by the accident in 1905, the contract of which was awarded to Messrs. M. P. & J. T. Davis, has been progressing favourably, the work in the inner basin being nearly completed. A supplementary contract, involving a further expenditure of about \$200,000, for the balance of the work in the outer or tidal harbour, has been awarded to Messrs. M. P. & J. T. Davis, and it is hoped that the whole work of securing the dock wall will be completed early in 1908. This work not only will secure these walls, but give the increased depth of water, now so much required.

#### SECURING CROSS WALL.

This work which has to be done by day work and carried on during the winter months, was commenced in January, 1906, and considerable progress made. Work will go on during the winter of 1907, and it is expected it will be completed in 1908. The cost will be about \$50,000.

#### GRAVING DOCK ACCOMMODATION.

The commissioners being impressed by the necessity of increased graving dock accommodation at Quebec, to meet the needs of the St. Lawrence trade, on the 6th of September passed the following resolution, which was forwarded to the honourable the Minister of Public Works, and the members of the Dominion government.

*Resolved*:—That the Quebec Harbour Commissioners respectfully bring to the attention of the honourable the Minister of Public Works, the inadequacy of the Graving Dock accommodation in the Harbour of Quebec to meet the requirements of the St. Lawrence trade.

That the graving dock at Lévis, with an entrance of 62 feet, does not permit steamers of recent construction which are now performing this service, to dock.

The following steamers are on the St. Lawrence service :

<i>Empress of Britain</i> ...	65 feet beam.
<i>Empress of Ireland</i> .....	65 " "
<i>Victorian</i> .....	60 " "
<i>Virginian</i> .....	65 " "

Other steamers now performing service between England and the North American ports are 75 feet and upwards. The new Cunard steamers now under construction are 88 feet. H. M. S. *Dominion* recently in our port, and which required to dock, had a beam of about 80 feet. None of the above-named steamers could enter the Lévis graving dock for repairs.

It is therefore most urgent, that suitable docking accommodation should be provided at as early a date as possible.

The Quebec Harbour Commissioners would respectfully point out that, in event of any accident to those steamers the situation would be serious, and this may, to some extent be the cause of the continued high rates charged by the insurance companies, as permanent repairs could not be made anywhere in the St. Lawrence.

The Quebec Harbour Commissioners would therefore respectfully but urgently press upon the honourable the Minister of Public Works, the necessity of the immediate construction of a graving dock, in the Harbour of Quebec, and as the dock, if commenced at once, could not be available for steamships sooner than 1910, and as it will be national in



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its character, serving the whole shipping trade of the Dominion of Canada, it should have an entrance of 100 feet, which would be able to give the necessary accommodation to the steamers now and in the future frequenting the St. Lawrence.

The commissioners would further respectfully submit to the honourable the minister, the dimensions of three of the principal European graving docks, viz.:—

Canada graving docks, Liverpool, length 925 feet, width 94 feet.

Southampton graving docks, Liverpool, length 860 feet, width 90 feet.

Bremenhaven graving dock, Germany, length 741 feet, width 92 feet.

HARBOUR IMPROVEMENTS.

In view of the constant and increasing demands for better accommodation in the Harbour of Quebec, the commissioners, by a memorial of date, November 19th, addressed to the Right Honourable the Premier, made the following recommendations :—

1st. That the river face of Pier No. 1, is now being utilized by the Canadian Pacific Railway Co., for the berthing of their Empress steamers, and has proved to be of the greatest possible service not only to the Harbour of Quebec; but the commissioners venture to think to the whole Dominion, as owing to the existence of this pier these large vessels have been afforded a suitable berth, and the Canadian Pacific Railway Company have been able to divert a large amount of traffic to the St. Lawrence route. They are already complaining of lack of accommodation which the completion of Pier No. 1, will meet when both sides of the pier are available in place of only one as at present.

The commissioners understand that other steamship companies intend placing large passenger and cargo boats on the St. Lawrence route.

These vessels will require accommodation of the same kind as that now provided for the Empress boats. In view of this fact, the commissioners consider that Pier No. 1, as shown on plan 323, should be completed at the earliest date, so that, when the Canadian Northern and other railways now under construction reach Quebec, the harbour accommodation required for the steamship connections will be in readiness.

2nd. The construction of a cribwork retaining wall along the south side of the river St. Charles from the Quebec and Lake St. John Railway Company's cribwork to Flood's wharf, as shown in the submitted plan R 322, between the points K and M, and to fill in the contained area, the whole for the purpose of giving the railway companies better access to the Louise docks.

3rd. To widen the breakwater on the inside face, as shown on plan R. 323.

This would provide a deep water berth on the inside face of this pier, and would furnish much needed additional quay surface.

LEGAL ADVISER TO COMMISSIONERS.

At the meeting of the commissioners held on the 5th of March, Mr. C. Edouard Dorion, K. C., was appointed joint legal adviser, with Mr. J. A. Lane, advocate, the appointment dating from the 1st of March.

EXPENDITURE ON CAPITAL ACCOUNT.

The expenditure on Capital Account during the year has been \$180,851.23.

Particulars of this expenditure will be found in a statement accompanying this report.

Under the provisions of 62-63 Vic., chap. 34, section 4, the commissioners have received on account of capital account from the Dominion government, \$156,859.71.



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## REVENUE AND EXPENDITURE.

The revenue of the commissioners for the year 1906 has been \$100,899.62, an increase of \$8,269.37 over that of 1905, and the expenditure \$83,502.57, leaving a surplus of \$17,397.05 over the working expenses and interest on \$50,000 of First Preference Bonds.

## ICE CUTTING.

During the winter of 1905-1906, 80,737 blocks of ice have been cut for local use.

Care has been taken that all the ice cut for domestic purposes is perfectly pure, and taken from localities in the harbour that had been selected after an analysis of the ice had been made.

To this report are annexed the various statements conveying the information yearly forwarded to your department, in connection with the harbour, as also a complete statement of the commissioners' accounts for the year.

I have the honour to be, sir,

Your most obedient servant,

JAS. WOODS,

*Secretary-Treasurer.*



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## A

## HARBOUR ENGINEER'S OFFICE.

QUEBEC, 2nd January, 1907.

JAMES WOODS, ESQ.,  
Secretary-Treasurer,  
Harbour Commission.

SIR,—I have the honor to submit, herewith, the following, with reference to the various works in connection with the maintenance and improvement of the Harbour of Quebec, executed by this department during the year 1906.

## CONTRACT WORK.

Messrs. M. P. & J. T. Davis, the contractors for the construction of a new quay front to the Louise Embankment in the wet dock, and for 322 feet of new frontage in the tidal harbour, have made satisfactory progress with this work.

The substructure for the wet dock frontage has been completed, with the exception of 141 feet; the cribwork structure block for this length has been completed, and will be put in place early next spring. The superstructure in the wet dock, has been completed for a length of 900 feet, and the back filling has been brought up to the same point. One of the substructure cribwork blocks for the tidal harbour frontage, is now complete, ready for sinking, and the second one has been built up to a height of 12 feet.

## CROSS WALL STRENGTHENING

The work of placing tie rods in the cross wall was begun in January last, and 14 rods were put in place; in addition to this 61 two inch holes have been drilled through the masonry walls ready for the placing of rods during the present winter; this work had to be discontinued in April, so as to permit of the surface of the cross wall being restored to its original condition, and made ready for the season's business.

## GENERAL WORK.

The commissioners' dredge was employed during the early part of the past summer, by the contractors for the new quay front, for the purpose of preparing the foundations for the wet dock cribwork blocks; and was also employed by the Great Northern Elevator Company, for removing silt which had accumulated over and blocked the suction pipe furnishing water to the elevator engine.

The Nova Scotia Steel & Coal Co., moved their discharging plant out to the new dock face, in the latter part of June, and berthed the first vessel at it on the 9th of July.

To make connection with the Canadian Pacific Railway's lines to the north of gas works, a new railway track has been laid down for a length of some 500 feet, from the embankment main line to the boundary of the commissioners' property at Ramsay street.

Owing to the number of ballast trains brought down over the commissioners' tracks, for the purpose of furnishing material for the breakwater extension, and to the increase in the number of passenger and freight trains, due to the berthing of Empress boats at the breakwater, the traffic on the main line has been somewhat congested, and will soon have to be relieved by the construction of an additional railway line; this, however, cannot be done, until the wing of the Terminal Company's brick building has been removed.



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A part of the site formerly leased to the Great Northern Railway Co., has been leased as a coal yard to the Quebec Coal Co. The weigh house has been removed from Reynar's and installed near this site for the use of the Quebec Coal Co., and other dealers having coal on the Embankment.

The northern section of the old immigration buildings on the breakwater, has been taken down, a landing shed for the reception of passenger's baggage, erected in its place, and four additional arc lamps have been installed, in connection with the landing shed, at this berth.

An office has been placed in Shed No. 18, in substitution for the one in the demolished section of the old immigration buildings.

The part of the Embankment, north of the roadway, has been divided up into numbered sections in order to facilitate the location, and storing of lumber, &c.

As vessels berthed at the breakwater extension obscured the red range light at high tide, this light shall be temporarily increased in height.

A metallic tower of the required height, is now being constructed by the Department of Marine and Fisheries, to take the place of the present temporary arrangement.

To reduce the insurance premiums of the various buildings of the commission, brick chimneys have been placed in all the offices connected with the sheds and stores.

The sheds Nos. 13, 14, 18 and 22 have been painted, and roadways and railway tracks, generally, kept in a good state of repair.

The building store No. 11, situated on Dalhousie street, has been fitted up as a wholesale grocery establishment, to meet the requirements of Messrs. J. B. E. Letellier, to whom it has been leased.

To form a berth for the ss. *Savoy* at the southern face of Atkinson's wharf, a portion of the pond between this and Marmette's wharf has been dredged out, and the face of the wharf put in a state of repair.

A part of the store No. 5, on the East India wharf, has been taken down, as it was in a dangerous condition, and the additional wharf surface thus made available, has been planked over and put in a condition to receive cargoes of coal.

The roof of shed No. 1, has been sheathed with galvanized iron, and the building No. 8, painted, minor repairs have been made to the other wharfs and buildings belonging to the commission.

The entrance gates to wet dock were not opened for the morning tide on September 12, the tide not having risen sufficiently for the purpose.

The Cross Wall draw bridge was operated for the first time the past season on the 16th of April, and for the last time on December the 6th.

The water was retained in the wet dock for the first time on May 7; and the last time on December 3, on which date the gates were allowed to remain open, and were secured for the winter.

I have the honour to be, sir,

Your obedient servant.

ST. GEO. BOSWELL,  
*Chief Engineer.*

E

QUEBEC HARBOUR COMMISSIONERS' OFFICE.

QUEBEC, January 2, 1907.

JAMES WOODS, ESQ.,  
Secretary-Treasurer,  
Quebec Harbour Commissioners.

SIR,—I have the honour to submit the following with reference to the traffic of the St. Charles docks and wharfs, showing the number of vessels, their registered tonnage, amount and description of cargo landed and shipped from those docks during the season of 1906 :



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Inwards 294 vessels, 1,168,310 tons register.

23,654 tons general cargo.  
 3,714 " cement.  
 11,976 " salt.  
 7,517 " grain.  
 2,575 " molasses.  
 1,026 " earthenware.  
 1,213 " bricks.  
 3,259 " railroad iron.  
 114,458 " coal.

Outwards 95 vessels 308,233 tons register.

13,466 tons general cargo.  
 16,186 " pulp and paper.  
 4,405 " grain  
 862 head of cattle.  
 2,125 tons of asbestos.  
 18,521 P. S. of lumber.  
 15,523,340 feet B. M. timber.

ANTHRACITE COAL TRAFFIC.

101 barges landed 26,112 tons coal.

LOWER PORT STEAMERS.

41 vessels 9,749 tons register.

Landed 419 tons general cargo.

Shipped 1,961 tons general cargo.

VESSELS IN DISTRESS USING THE DOCKS.

SS. *Coronel* touched bottom at Belle Isle, came into basin to be surveyed was found to be all right and proceeded to Three Rivers to load.

SS. *Cervona* grounded at Anticosti, came back to Louise Basin to be surveyed, having been found seaworthy, proceeded on her voyage.

SS. *Athenia* grounded at Cap à la Roche on her way down from Montreal, came into Louise Basin to be surveyed, found to be all right and proceeded to sea.

SS. *Polino* grounded at Goose Island; after having been floated came up to the Louise Basin; after having landed the balance of her coal went to the dry dock to be repaired, and then came back to the Louise docks to winter.

SS. *Kensington* grounded at Matane; after having been floated up to breakwater, where she discharged a part of her cargo; being surveyed proceeded to Montreal to land the balance of her cargo, came back and went into graving dock; after being repaired came into the Louise dock, loaded cargo and proceeded to sea.

During the past season the different ocean mail steamers landed 112,000 passengers at the immigration station, Louise docks, who were forwarded to their future homes by the different railway companies.

No record has been kept of cabin passengers.

There are wintering in the Louise docks 25,000 Q. S. of lumber, besides coal, railway ties, &c., &c.

During the year, spaces were rented at low rates for storage of coal landed and removed from the water front.

The surface traffic has required the employment of 8,219 cars, being an increase of 1,648 cars over last year.



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There are stored in the different freight sheds, salt, cement, &c., &c., which the owners are obliged to remove before the opening of navigation, viz.:

1,878 tons cement.

750 " coal.

718 " salt.

414 squares lumber.

350 tons hay.

The Dominion Coal Company have 13,000 tons coal stored on space rented to them, and the Nova Scotia Coal and Steel Company 4,000 tons coal on their space.

The docks are occupied during the winter by a large number of vessels of various tonnage, where they find safe quarters until the opening of navigation.

I have the honour to be, sir,

Your most obedient servant,

P. FLYNN,

*Wharfinger.*

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NOTE.—The partial filling of the breakwater extension by the Canadian Pacific Railway Company has required 4,453 carloads of filling material, aggregating 100,074 cubic yards.

The above cars are additional to the 8,219 cars used for surface traffic on the docks.

### C.

QUEBEC HARBOUR COMMISSIONER'S OFFICE,

QUEBEC, January 2, 1907.

JAMES WOODS, Esq.,

Secretary-Treasurer, Quebec Harbour Commissioners,  
Quebec.

SIR,—I have the honour to submit the following with reference to the harbour, for the year 1906.

Navigation was open in the harbour all winter.

Tugs were working in the Louise dock up to December 7.

Bat. schooner, *Caron* arrived from Lower St. Lawrence under sail on April 4.

Government ss. *Druid* left Louise basin on April 6.

Bat. schooner *Caron*, for Lower St. Lawrence, under sail with general cargo, on April 13.

Schooners *Marie Elmira* and *Florida*, first schooners from Lower St. Lawrence, arrived in the harbour on April 14.

SS. *Savoy*, first outward steamer with passengers and freight, left the harbour on April 16 for Lower St. Lawrence.

The ice bridge connecting the Island of Orleans with the north shore broke up on April 17.

The ice in the wet dock and tidal basin broke up on April 17.

Anticosti lightship No. 15 left for tidal basin on April 18.

SS. *Campana* and SS. *Polino* left for Montreal on April 19.

SS. *King Edward* left the harbour with passengers and freight for Lower St. Lawrence on April 20.

First Richelieu and Ontario Navigation Company, *Chicoutimi* left for the Lower St. Lawrence on April 23.

SS. *Scottish Hero*, first steamer from sea with coal cargo, arrived in the harbour on April 24.

All pontoons were placed in the harbour on April 23.



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Lake and Cap Rouge ice passed down on April 16 and 17.

Government mail tender left for Lower St. Lawrence on April 23.

First passenger boat of the Richelieu and Ontario Navigation Company from Montreal, *St. Irénée* arrived in the harbour on April 24, and made her return trip the next evening.

The first Royal Mail and passenger steamer, *Parisian* arrived in the harbour on April 30.

During the month of August the French warships *Le Desaix* and the *Jurien de la Gravière*, H.M.S. *Dominion*, and the German gunboat *Panther* arrived and anchored in the harbour.

No ballast was discharged in the harbour during the past season.

In addition to the routine work of the harbour and the office, four hundred and thirty-one (431) ocean sea-going vessels have been berthed in the Louise docks, break-water and Point Carcy wharfs.

The limits of the clear water space (forbidden anchorage) are indicated at night by red lights, and in day time by sign boards on both sides of the river.

The last ocean Royal Mail steamer *Empress of Britain* (Canadian Pacific Railway Co.), left the harbour with passengers and mails, on November 16.

The Richelieu and Ontario Navigation Co. steamer, *Tadoussac* made her last trip from the Saguenay on November 27.

SS. *Murray Bay* of the Ontario and Richelieu Navigation Co., made her last trip from Quebec to Montreal on November 27.

SS. *Deramore*, last freight steamer, left the harbour on November 30.

The last passenger and freight steamer, ss. *Kensington* left the Louise Basin on December 2.

SS. *Restigouche* arrived from Lower St. Lawrence and went into winter quarters on December 2.

The last freight steamer ss. *Deramore* left Port Malbaie on December 2.

The ice in the wet dock formed on December 5.

The ice in the tidal basin formed on December 7.

The ice in the St. Charles formed on December 11.

The ice bridge connecting the Island of Orleans and the north shore formed on December 11.

Notices have been posted in suitable localities, warning parties from discharging rubbish of any kind in the river, and every precaution is being taken to prevent any violation of the regulations of the commissioners in that respect.

I have the honour to be, sir,

Your obedient servant,

JAS. G. SULLIVAN,

*Harbour Master.*



QUEBEC HARBOUR COMMISSIONERS.

EXPENDITURE on capital account during the year 1906.

	\$	cts.	\$	cts.
Office furniture.....			300	00
Tools Account.....			890	42
Cold Storage Warehouse.....			110	67
Securing Dock Walls :				
M. P. & J. T. Davis :				
Account contract....	150,540	79		
Sundries .....	22,318	11		
			172,858	90
Atkinson's Wharf Store No. 11.....			3,001	75
St Charles Docks and Wharfs.....			2,689	49
			180,851	23

HARBOUR COMMISSIONERS' OFFICE,  
QUEBEC, 2nd January, 1907.

JAS. WOODS,  
*Secretary-Treasurer.*



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QUEBEC HARBOUR COMMISSION.

COMPARATIVE STATEMENT of the revenue of the Quebec Harbour Commissioners for the years 1905 and 1906.

	1905	1906	Difference in 1906.	
	\$ cts.	\$ cts.	\$ cts.	
Tonnage Dues. ....	9,931 74	12,100 26	2,168 52	Increase.
Import " .....	5,333 31	5,803 40	470 09	"
Export " .....	3,050 99	2,804 23	246 76	Decrease.
Harbour " .....	2,255 67	2,517 06	261 39	Increase.
Earnings of Docks, Wharfs and Stores....	65,638 01	71,263 86	5,625 85	"
Cold Storage .....	5,096 43	5,227 58	131 15	"
Beach and Deep Water Lots.....	1,137 39	1,161 73	24 34	"
Interest.....	164 71	...	164 71	Decrease.
Sundries .....	22 00	21 50	50	"
	92,630 25	100,899 62	8,269 37	Increase.

HARBOUR COMMISSIONERS' OFFICE,  
QUEBEC, 2nd January, 1907.

JAS. WOODS,  
*Secretary-Treasurer.*



REVENUE AND EXPENDITURE.				Cr.	
Dr.				\$	cts.
1906.					
Dec. 31	To Tonnage Dues .. .. .	12,100 26	By Administrative and engineering staff, salaries and fees .. .. .	12,371 73	
	Import " .. .. .	5,803 40	Legal expenditure .. .. .	771 50	
	Export " .. .. .	2,804 23	Notarial expenditure .. .. .	115 50	
	Harbour " .. .. .	2,517 06	Miscellaneous expenses, printing, stationery, harbour master, general labour and other expenses .. .. .	5,761 79	
	To Properties Earnings:		Property expenditure, taxes, insurance, repairs and the maintenance of the docks, wharfs and stores .. .. .	41,318 44	
	St. Charles docks and wharfs and stores under lease .. .. .	57,418 38	Cold storage expenses .. .. .	7,436 41	
	Due by and charged to the Department of the Interior for ground occupied for immigration purposes .. .. .	13,845 48	Commissioners' dredge, maintenance of dredging .. .. .	1,285 39	
	Cold store and warehouse No. 1 .. .. .		Beach and deep water lots, expenses 1906 .. .. .	181 25	
	Beach and deep water lots .. .. .		Interest .. .. .	247 56	
	Sundries .. .. .		Sundries .. .. .	13 00	
			12 months' interest to the 1st January, 1907, on first preference bonds .. .. .	14,000 00	
			By balance composed as follows: Surplus receipts from Customs and earnings of docks, wharfs and stores over working expenses and interest on bonds .. .. .	3,551 57	
			Due by and charged to the Department of Interior for ground occupied for immigration purposes .. .. .	13,845 48	
				17,397 05	
				100,899 62	

HARBOUR COMMISSIONERS' OFFICE,  
QUEBEC, January 2, 1906.

JAS. WOODS,  
Secretary-Treasurer.







QUEBEC, DECEMBER 31, 1906.  
STATEMENT of Assets and Liabilities per Balance Sheet of Date.

ASSETS.	\$	cts.	LIABILITIES.	\$	cts.
Real Estate			Quebec harbour debentures, . . . . .	3,612,802	42
St. Charles docks and wharfs, . . . . .	4,099,856	87	Dominion Government under 62-63 Victoria, chapter 34., . . . . .	210,859	71
East India wharf . . . . .	48,896	61	First preference bonds, . . . . .	350,000	00
Grand Trunk " . . . . .	15,740	26	Capital . . . . .	300	00
Wellington " . . . . .	86,945	39	Interest to 1st January . . . . .	43,380	00
Atkinson's " . . . . .	55,104	95	Receiver General . . . . .	20,000	00
Reynar's " . . . . .	9,918	29	Shareholders Quebec Cold Storage Company . . . . .	4,905	32
			La Banque Nationale, overdraft . . . . .		
Cold storage plant . . . . .				4,244,947	45
Securing dock walls—			Surplus composed as follows:		
Preliminary repairs and expenses, . . . . .	10,736	46	Beach and deep water lots . . . . .	54,523	73
Cross wall bolting, . . . . .	18,946	43	Profit and loss, . . . . .	645,514	58
Dock wall contract contingencies, . . . . .	4,957	97			
M. P. and J. T. Davis 'contract' . . . . .	179,320	33			
				213,961	19
Commissioners' dredge . . . . .				10,714	49
Deck scow . . . . .				2,830	38
Pile driver, . . . . .				527	66
In re Beach and Deep Water Lots—					
Capital debit 'sundries' . . . . .	31,729	24			
Arrears of rental to 24th June, . . . . .	7,226	14			
" " 24th Dec. . . . .	797	68		39,753	36
Cold storage accounts, . . . . .				2,391	90
Rents, wharfage, &c.—					
Sundries as per balance sheet, . . . . .	21,405	50			
Rentals for November and December, . . . . .	2,138	03		23,543	53
Dominion Government 'unsettled claims' . . . . .				292,410	91
Cash "on hand" . . . . .				2,533	18
Landing shed 'breakwater' . . . . .				2,419	66
Material 'on hand' . . . . .				602	00



Office furniture. ....	4,212 12
Jackscrews.....	394 87
Anchors.....	264 38
Tools. ....	5,347 68
Bills receivable.....	1,159 11
	4,944,985 76

MEMO.— The arrears of interest due to the Dominion Government is not included in this statement.

HARBOUR COMMISSIONERS' OFFICE,  
QUEBEC, 2nd January, 1907.

We hereby certify that we have examined the statement of assets and liabilities of the Quebec Harbour Commissioners and we find same, in all particulars, the true position of the Trust, at that date.

JAS. WOODS,  
*Secretary-Treasurer.*

ALEX. J. MESSERVEY, }  
J. B. LEBRUN. } *Auditors.*

4,944,985 76



6-7 EDWARD VII., A. 1907

HARBOUR COMMISSIONERS' OFFICE,  
QUEBEC, February 9, 1907.

To the Chairman and Commissioners,  
Quebec Harbour Commission,  
Quebec.

GENTLEMEN,—We have the honour to inform you that we have examined the books and vouchers of the commission for the year ending 1906, and beg to report that we found same correct and in good order.

Mr. Woods, the secretary-treasurer, gave us all facilities in making the audit.

We have the honour to be, gentlemen,

Your obedient servants,

A. J. MESSERVEY,  
J. B. LEBRUN,  
*Auditors.*



SESSIONAL PAPER No. 23

## APPENDIX 4

REPORT OF THE HARBOUR COMMISSIONERS OF THREE RIVERS FOR  
THE YEAR ENDING DECEMBER 31, 1906.

THREE RIVERS, P. Q., June, 15.

To F. Goudreau, Esq.,  
Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR.—I have the honour, by the direction of the Harbour Commissioners of Three Rivers, to forward herewith, for the information of the Honourable the Minister of Marine, statements of receipts and disbursements of the commission for the year ended 30th December, 1906. Also a synopsis of the operation and a comparative statement of navigation of the port during the same year.

Yours respectfully,

GEORGE BALCER, *Secretary*.

## THREE RIVERS HARBOUR COMMISSIONERS, REPORT FOR THE YEAR 1906.

## COMMISSIONERS :

P. A. Drolet, Esq., Chairman.

Henry E. Hart, Esq.  
P. A. Gouin, Esq.

Jos. L. Fortin, Esq.  
F. S. Tourigny, Esq.

Geo. Balcer, Secretary.

Disappointed again by the unfortunate delay in the construction of the new harbour works, the season of navigation 1906, not more than its predecessor, could meet—as far as ocean traffic is concerned—the expectation we so confidently relied upon. Not that the volume and value of our transactions suffered any reduction, by no means; they are steadily on the increase; but on account of the persistent lack of proper accommodation and reduced wharf-space, none of our contemplated projects could yet be introduced, and the products of our field and farms, our industrial establishments continued keeping shy of our port. Even part of the lumber of our Three Rivers mills for export by sea and most of the raw-material and coal for our manufactures had again to resort to round-about means to reach their destination.

The results of such a situation are easily foretold: they cannot, at length, avoid being disastrous. And so it came that no more than 49 steamers entered our port in 1906, the lowest figure for many years, against an average of 80 for the last decade and a hundred and over, two and three years ago.

No doubt the decrease, of late, in the export of lumber to the English market, continued a leading factor in the decline of our shipping; for 26 steamships only, carrying but 21,500,000 feet lumber, against 47 and 31,000,000 feet in 1905, and a far larger proportion in former years, registered last season and completed, with but one single cargo of cattle, our direct export by sea.

Our imports did not fare better. Coal did not come up to the quantity expected, as the Dominion Coal Co's. temporary wharf-space does not allow bringing in the full



supply. Other companies were simply forced to keep out altogether. Consequently, but 55,000 tons of coal, 8,500 tons of sulphur, 2,240 tons pig iron and a few smaller parcels, made up the list of direct imports in 1906.

If our ocean traffic showed such a serious falling off, the traffic by water between our port and the United States firmly held its own. Although canal boats show a reduction in number, the introduction of steam barges of greater capacity largely compensates the difference :—the tonnage in 1905 was 84,000, the highest on record, while in 1906 it figured over 96,000 tons.

The quantity of lumber carried by boat, which reached, in 1905, the already respectable figure of 23 million feet, exceeded, in 1906, by 50 per cent our total export to Great Britain, and by over 45 per cent the last export to the States ; *i.e.* more than 33 million feet. Consequently, making up with the shipments by rail—not only a full average—but exceeding any quantity of lumber ever shipped by our firms to both the English and the United States markets ; *viz.* from 50 to 60 million feet.

Pulpwood by boat from Three Rivers came up to 55,000 cords ; with the quantities shipped from the surrounding mills and by rail, the total exports exceed by a good deal the shipment of former years. The same with other exports : for according to consular reports, the total value of our direct export to the United States reached in 1906 \$1,500,000, the highest amount ever attained.

The temporary shrinkage in our marine operations, due to peculiar local circumstances, fortunately does not affect, as already mentioned, the regular development of the trade, nor the healthy condition of our economic situation. The output of our mines and manufactures, the products of our forests and mines, the demand for machinery, raw material, &c., are constantly progressing. We need only glance at the returns of our customs. The revenue collected at Three Rivers in 1906 was \$126,709, an increase of \$44,600 over 1905. Compared with the revenue of 1896, which amounted exactly to \$26,600, we can easily draw a conclusion.

A further redeeming feature to the disappointment of the moment is the fact, that early in November, the concrete walls of the new wharf were all completed, leaving merely part of the filling-in of the ground in rear and the laying of side tracks to hand over for traffic an additional 2,000 feet frontage with a depth of 30 feet and nearly 500,000 feet top wharf ; *i.e.* four berths for the largest steamers and space for handling any amount of freight or storage.

On December 31, the railway between Three Rivers and Shawinigan Falls was inaugurated.

Thus two long desired wants have, at last, been satisfied.

THREE RIVERS, March 12, 1907.

GEORGE BALCER,  
*Secretary.*

STATEMENT of Number and Tonnage of Steamers entered outward and inward of the port and outports of Three Rivers, for the year ended 1906.

OCEAN TRAFFIC.

Return of Vessels Inward.	No.	Tons.	Return of Vessels Outward.	No.	Tons.
Total arrivals, steamers . . . . .	49	95,874	Total departures, steamers . . . . .	49	95,874



## SESSIONAL PAPER No. 23

## PORT OF THREE RIVERS.

Nationality.	No.	Tons.	Cleared for, via.	No.	Tons.
British.....	33	67,930	Inland ports. ....	20	30,202
Norwegian .....	11	19,770	British ports (direct).....	71	45,964
Danish.....	1	2,585	London and Antwerp. ..	5	14,643
Canadian.. ..	1	524			
	46	90,809		46	90,809

LAKE ST. PETER: PIERREVILLE-LOUISEVILLE.

British.....	1	2,470	British ports.....	1	2,470
--------------	---	-------	--------------------	---	-------

OUTPORT: BATISCAN.

Norwegian . . . . .	2	2,595	British ports . . . . .	2	2,595
---------------------	---	-------	-------------------------	---	-------

## UNITED STATES TRAFFIC.

	Number.	Tons.
Port of Three Rivers, United States Canal boats .....	551	55,460
"              "              steam barges .....	31	15,591
Outports of Three Rivers, Canal boats and barges .....	250	25,550
	832	96,601

## INLAND TRAFFIC.

Bateaux not registered.....	48	
Schooners and barges.....	140	20,463
Tugs and steamboats.....	140	20,595
(Exclusive of Richelieu and Ontario Navigation Co. local craft and market boats.)	328	41,058

### RECAPITULATION.

Ocean traffic.....	49	95,874
United States traffic...	832	90,601
Local traffic.....	338	41,058
Grand total.....	1,219	227,533



Months.	COLLECTION OF HARBOUR DUES.						PROCEEDS FROM					
	Commissioners Office.						Custom House.					
	Tonnage dues on vessels.	On goods.		Communtation.	Rent of wharf and moorage.	Tonnage dues.	On goods.		Moorage dues.	Sale of Debentures.	Notes Issued.	Other Sources.
		Inwards.	Outwards.				Inwards.	Outwards.				
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.
January.....												
February.....												
March.....												
April.....	6 63			3 00								
May.....	25 02		1 50	7 30								
June.....	20 42		0 75	6 40								
July.....	25 81	6 75	7 29	38 40	500 00	1,000 00	1,000 00	1,000 00	1,500 00	2,464 97		
August.....	11 73		25 00	4 55	1,000 00	1,000 00	500 00	500 00	3,000 00			
September.....	47 57	13 58	10 86	16 30								
October.....	23 59	126 21		6 50	500 00	500 00	1,000 00	1,000 00				
November.....	24 91			141 50								
December.....	395 03	74 06	867 96	165 50	1,248 68	2,375 01	833 82	697 25	1,500 00			
	580 71	220 60	886 86	389 45	3,248 68	4,875 01	3,333 82	697 25	11,500 00	2,464 97		5,178 91

\* Deposit in bank and cash.

+ Not to be counted as cash.



HARBOUR COMMISSION OF THREE RIVERS.

RECEIPTS AND DISBURSEMENTS FOR THE YEAR 1906.

EXPENSES FOR ADMINISTRATION.										DISBURSEMENTS CHARGEABLE TO				
Months.	Current Expenses.	Salaries and Com-missions.	Rent.	Printing and Stationery	Travelling and other expenses.	Refunds.	Engineer's Office.	Repairs and Gl. H. Expenses.	Con-struction Account.	Plants and Tools.	Property Account.	Interest Account.	Divers.	
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	
January.....	62 19	190 00	60 00	7 70	.....	.....	.....	33 75	.....	.....	.....	4,352 10	*875 00	
February.....	15 25	190 00	.....	.....	.....	.....	.....	52 30	.....	.....	.....	.....	.....	
March.....	38 64	210 00	.....	2 50	.....	.....	.....	41 13	.....	.....	.....	.....	.....	
April.....	22 02	210 00	60 00	1 00	.....	.....	.....	53 00	135 20	.....	.....	.....	.....	
May.....	77 17	240 00	.....	.....	.....	.....	.....	86 15	76 83	.....	1,763 55	.....	.....	
June.....	23 64	240 00	.....	.....	.....	.....	.....	122 25	77 10	.....	1,350 75	.....	.....	
July.....	98 18	240 00	60 00	139 50	.....	.....	.....	94 00	40 65	.....	1,740 39	4,548 80	962 53	
August.....	16 65	240 00	.....	.....	.....	.....	.....	106 97	.....	.....	1,116 64	.....	.....	
September.....	23 35	240 00	.....	18 85	.....	.....	.....	97 80	101 11	.....	.....	.....	.....	
October.....	14 40	240 00	60 00	26 00	.....	.....	.....	98 20	18 25	.....	.....	.....	+2,500 00	
November.....	142 04	240 00	1 00	.....	.....	.....	.....	82 50	22 80	.....	.....	.....	.....	
December.....	45 80	604 65	.....	1 00	.....	.....	.....	69 85	.....	.....	517 75	.....	.....	
	579 33	3,084 65	241 00	196 55	.....	.....	.....	937 90	472 04	.....	6,489 08	8,900 90	4,337 53	

\* Sinking fund.

+ Note redeemed.

\* Sinking fund.      † Note redeemed.



RECAPITULATION.

RECEIPTS.	DISBURSEMENTS.
COMMISSIONERS' OFFICE.	ADMINISTRATION.
Tonnage dues..... \$ 580 71	Current expenses....\$ 579 33
Harbour dues inwards. 220 60	Salaries & commission 3,084 65
" outwards. 886 85	Rent..... 241 00
Commutation..... 811 50	Printing & stationery 196 55
Rent of wharf and moorage.... 389 45	----- \$ 4,101 53
----- \$2,889 12	Repairs and general harbour expenses..\$ 937 90
CUSTOM HOUSE.	Interest on debentures..... 8,900 90
Tonnage dues..... \$3,248 68	Sinking fund..... 1,837 53
Harbour dues inwards. 4,875 01	----- \$11,676 33
" outwards. 3,333 82	Total expenses on revenue.....\$15,777 86
Moorage ..... \$12,154 76	DISBURSEMENT ON CAPITAL.
Total collection.....\$15,043 88	Purchase and construction of wharf sheds. 6,961 12
Proceeds from : Lumber supplied... \$ 425 47	Note redeemed.....\$2,500 00
Sale of debentures... 11,500 00	Claim on debenture.. 961 12
Note discounted.... 2,464 97	Deposit in bank and cash, Dec. 31, 1906. 8,413 13
Deposit in bank and cash, Jan. 1, 1906.. 5,278 91	----- \$11,874 25
----- \$19,569 35	----- \$31,613 23
----- \$34,613 23	



SESSIONAL PAPER No. 23

APPENDIX 5

REPORT OF THE HARBOUR COMMISSIONERS OF PICTOU, N.S., FOR THE YEAR ENDING DECEMBER 31, 1906.

PICTOU, NOVA SCOTIA, February 19, 1907.

F. GOURDEAU, Esq.,  
 Deputy Minister of Marine and Fisheries,  
 Ottawa.

DEAR SIR,—I have the honour of inclosing, herewith, copy of account of the Pictou Harbour Commissioners for 1906.

Your obedient servant,  
 HENRY G. IVES, *Secretary.*

THE PICTOU HARBOUR COMMISSIONERS, in account with H. G. Ives, Secretary.

1906.	Dr.	\$	cts.	\$	cts.
Jan. 16...	Commissioners expenses.....	10	00		
" 16...	J. Carson & Sons, account, lumber.....	10	20		
" 30...	Adam Carson, hardware.....	0	81		
March 7...	R. G. McKay, legal.....	4	52		
April 3...	Deposit Receipt No. 2957.....	2,573	38		
May 3...	Bushing West River.....	8	00		
" 5...	Ed. Cameron, puncheons for buoys.....	20	50		
" 9...	Wm. McLean, bushing channel to East river.....	10	00		
" 9...	Thos. Head, painting buoys.....	5	00		
" 16...	Deposit receipt No. 3042.....	1,882	46		
" 21...	Repairs buoys, J. C. Redpath.....	5	00		
" 21...	SS. <i>Arcadia</i> , placing buoys.....	30	00		
June 25...	Deposit receipt.....	688	63		
July 6...	Joseph Graham.....	25	00		
" 6...	D. A. Barry, deals.....	5	70		
Sept. 6...	Repairs New Glasgow wharf.....	1,290	00		
Dec. 13...	SS. <i>Arcadia</i> , taking in buoys.....	35	00		
" 13...	Rod. Graham, bushing East river.....	26	00		
" 13...	Secretary's salary.....	100	00		
" 31...	Repairs, Market wharf, Pictou.....	2,743	48		
" 31...	" Abercrombie wharf.....	58	50		
" 31...	Balance in Bank of Nova Scotia.....	830	28		
				10,362	46
1906.	Cr.				
Jan. 1...	By Balance per account.....	449	40		
April 3...	Deposit receipt No. 2772.....	\$3,049	40		
	Interest.....	23	55		
				3,073	38
May 16...	Deposit receipt.....	\$2,573	38		
	Interest.....	9	08		
				2,582	46
June 25...	Deposit receipt.....	\$1,882	46		
	Interest.....	6	17		
				1,888	63
Aug. 6...	Deposit receipt.....	\$1,312	05		
	Interest.....	26	95		
				1,339	00
Dec. 14...	Deposit receipt.....	\$688	63		
	Interest.....	9	12		
				697	75
Dec. 31...	Deposited by collector of customs.....	331	84		
					10,362 46
1907.					
Jan. 1...	By Balance in Bank of Nova Scotia.....				830 28

HENRY G. IVES, *Secretary.*



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## APPENDIX 6

REPORT OF THE HARBOUR COMMISSIONERS OF NORTH SYDNEY FOR  
THE YEAR ENDED DECEMBER 31, 1906.

NORTH SYDNEY, N. S., April 29, 1906.

COL. F. GOURDEAU,  
Deputy Minister of Marine and Fisheries,  
Ottawa,

SIR,—The Harbour Commissioners beg to hand you herewith a statement of receipts and expenditures for the year ending December 31, 1906. Also, please find inclosed, a report of the number of vessels that arrived during the year, at the Sydneys, and the coal shipments and importations of ore, &c., at the several piers in Sydney and North Sydney.

Navigation was practically open to North Sydney during the whole year. Nothing prevented steamers arriving and sailing.

Your obedient servant,

WM. HACKETT,  
*Secretary.*

Coal shipments, 1096 :	Tons.
Dominion Coal Co., Ltd, International Pier, Sydney . . . .	1,500,000
Nova Scotia Steel aand Coal Co., Ltd . . . . .	429,288
Iron ore importations, 1906 :	
Dominion Iron and Steel Co., Ltd., Sydney . . . . .	518,516
Nova Scotia Steel and Coal Co., Ltd . . . . .	94,538

## SHIPPING ARRIVING AT THE PORTS OF SYDNEY DURING THE YEAR ENDING DECEMBER 31, 1906.

	No.	Net tonnage.
Ocean steamers . . . . .	842	1,237,778
Coasting steamers . . . . .	290	71,141
Barks . . . . .	5	4,129
Barkentines . . . . .	8	1,547
Brigantines . . . . .	6	1,052
Schooners . . . . .	1,129	54,667
	<hr/> 2,280	<hr/> 1,370,314

Carrying crews of 61,265 men.



SESSIONAL PAPER No. 23

HARBOUR COMMISSIONERS' Statement of Receipts and Expenditure for the year ending  
December 31, 1906.

1906.	Receipts.	\$ cts.	1906.	Expenditure.	\$ cts.
Jan. 1	Balance on hand.....	1,222 30	April 19	Paid L. Petersen, repairing boat.	9 45
Mar. 31	Harbour dues to date 31st . . . .	226 90	" 19	1 ledger.....	50
May 31	" " .....	582 26	June 21	Telegraph account.....	5 18
Jan. 30	" " .....	483 19	" 23	H. Bond, labour, breakwater.	13 50
Aug. 31	" " .....	1,021 77	" 23	M. Morrison, " ..	6 75
Oct. 31	" " .....	925 51	July 3	Tug <i>Iona</i> .. .....	5 00
Dec. 31	" " .....	561 15	" 7	H. Bond, labour, breakwater.	9 95
			" 12	Jos. Sheon, harbour master...	200 00
			Aug. 4	Henry Bond.....	18 90
			" 8	Telegram.....	25
			Sept. 5	M. W. Lawlor.....	300 00
			Oct 6	Labour, harbour master order.	37 65
			Nov. 12	Acct. right of way to ballast ground .....	774 77
			" 17	Labour, harbour master order.	15 00
			Dec. 15	Acct. right of way to ballast ground .....	519 25
			" 24	'Record' Printing Co'y.....	16 50
			" 24	P. J. McDonald.....	400 00
			" 24	M. W. Lawlor... ..	100 00
			" 24	Wm. Hackett.. ..	500 00
			" 24	Joseph Shean....	300 00
			" 24	J. D. McNeil.....	10 00
			" 31	Joseph McPherson.....	190 05
			" 31	Rent.....	75 00
				Balance on hand. ....	1,515 38
		5,023 08			5,023 08

Dec. 31—By balance on hand.....\$1,515 38.

F. J. McDONALD,  
M. W. LAWLOR,  
WM. HACKETT,  
*Harbour Commissioners.*

NORTH SYDNEY, C.B.  
March 6, 1907.



APPENDIX 7

REPORT OF THE HARBOUR COMMISSIONERS OF BELLEVILLE FOR THE  
YEAR ENDING DECEMBER 31, 1906.

BELLEVILLE, ONT., Dec. 31, 1906.

F. GOURDEAU, Esq.,  
Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—The undersigned Harbour Master of the city of Belleville begs to submit the following report for the year 1906.

Navigation opened in Belleville Harbour on 16th day of April and closed on the 2nd day of December.

Import dues on	147 tons stone	\$	7 35
"	1,327½ tons mds		132 67
"	12,344 tons coal		1,234 40
"	1,334,000 ft. lumber		66 77
"	822,000 laths		20 01
"	94,000 shingles		2 82
"	1,265 cedar posts		1 58
"	1¼ tons cheese		0 12
"	278 tons clay		16 68
"	35 yds. gravel		1 75
			1,484 15
Expense for wood buoys, postage, &c		\$	8 68
Export dues on	18,000 brick	\$	0 90
"	25 telegraph posts		0 25
"	1,166½ tons mds		116 64
"	93,171 saw logs, &c		385 37
"	596½ tons cheese		59 65
"	15,461 bush grain		19 11
"	45,000 shingles		1 35
			583 27
Dues collected during the season are as follows :			
Total amount derived from imports			\$ 1,484 15
" " exports			584 27
Total			\$ 2,067 42

The amount of dues on imports has decreased ; the coal is 3,641 tons, and export dues, brick by 127,000. Cheese has also fallen off  
All of which is respectfully submitted.

I have the honour to be, sir,  
Your obedient servant,

SYD. VANDERVOORT,  
*Harbour Master.*



SESSIONAL PAPER No. 23

APPENDIX 8

REPORT OF THE PILOTAGE AUTHORITY OF QUEBEC FOR THE YEAR  
ENDING DECEMBER 31, 1906.

QUEBEC, July 15, 1907.

F. GOURDEAU, Esq.,  
Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—I have the honour to inclose you a report of the Quebec Corporation of Pilots from July 20, 1905, to January 1, 1907.

Charles F. Brown,	admitted Sept. 21, 1852,	Pensioned April 1, 1906,
Paul Pâquet,	" June 14, 1853,	" Aug. 17, 1905,
George Normand,	" July 4, 1854	" Aug. 16, 1905,
Numa Lachance,	" April 10 1855,	" May 1, 1906,
Cyprien Langlois,	" Oct. 24 1865,	" July 10, 1906,
Ephrem Chamberland,	" May 28 1869,	" Jan. 1, 1906,
D. Arthur Bouffard,	" April 7 1877,	" Oct. 24, 1906,
Nazaire Delisle,	" Nov. 7 1877,	" March 2, 1906,

Mr. Charles Pelletier, pilot on duty on board the bark *Magda* lost his life with all the crew in the storm of last November 16, 1906.

On March 20, 1906, and following days, all the pilots were examined on charts and compass, before Commander O. G. V. Spain. Every one went through satisfactorily, except three who failed, two of these, Messrs. Laurent Godbout and J. B. Tremblay, were declared physically unable to fulfil their duties.

During the season 1906, two pilots, Messrs. Adélard Vézina and William Dorion, had their license cancelled for life, for misconduct.

Mr. Edmond Larochelle, jun., was appointed superintendent of Quebec Pilots on May 1st, 1906.

ALFRED LAROCHELLE,  
*Superintendent of Quebec Pilots*

QUEBEC, July 15, 1907.



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BRANCH PILOTS FOR AND BELOW THE HARBOUR OF QUEBEC  
ACCORDING TO SENIORITY.

No.	Name.		Age	Residence.
1	Louis Edmond Morin, Director.....		69	Quebec.
2	Edmond Larochelle.....		64	St. Michel, Bellechasse
3	Adelne Pouliot.....		68	St. Laurent, Orleans.
4	Bart. Pepin dit Lachance.....	B. Dimond...	62	St. John, Orleans.
5	Frs.-Xav. Delisle, office keeper.....		62	Quebec.
6	D. Eugène Boulanger.....		64	Montmagny.
7	Charles Normand.....	B. Dimond...	61	Quebec.
8	Napoléon Rioux.....		62	"
9	Ray. Baquet dit Lamontagne.....	C.P.R.....	62	Notre Dame, Levis.
10	Frs.-Xav. Lamarre.....		61	St. Valier.
11	Moïse Pouliot.....		59	St. John, Orleans.
12	Paul Gibeil.....		61	" "
13	Chs. Alarie Raymond, director.....		59	Quebec.
14	Victor Vézina.....	Thompson L.	62	"
15	L. B. O. Larochelle.....	Allan L.....	60	St. Michel, Bellechasse.
16	Chs. Hermie A. Bernier.....		62	" "
17	Capt. Louis Robert Demers.....	"Campana".....	61	Quebec.
18	Joseph G. Dupil.....	Allan L.....	60	"
19	Joseph Fortier.....		63	St. John, Orleans.
20	Nestor Lachance.....	Head L.....	61	"
21	Joseph Lapointe.....		64	St. Laurent, Orleans.
22	Pierre Pepin dit Lachance.....	B. Dimond...	58	Montreal.
23	Isidode Noël.....		57	St. John, Orleans.
24	Alfred Larochelle.....	C.P.R. L.....	57	St. Michel, Bellechasse.
25	Théophile Corriveau.....	Carbray's Co.....	60	Quebec.
26	Elzéar Godbout.....		59	"
27	Pierre Gobeil.....		59	St. John, Orleans.
28	Théodule Pepin dit Lachance.....	B. Dimond...	62	Montreal.
29	Achille Trefflé Simard.....	Head L.....	56	St. Joseph, Levis.
30	Narcisse Lavoie.....		58	St. Luce, Rimouski.
31	Joseph Emilio Couillard.....		56	Quebec.
32	Louis Albert Royer.....	Inter. Coal Co.	62	"
33	Onésime Noël.....	Thompson L.....	55	St. John, Orleans.
34	Napoleon Baillargeon.....		57	Quebec.
35	Frs.-X. Demeules.....	Manchester.....	55	St. John, Orleans.
36	Louis Honoré Lapierre.....		57	Notre Dame, Levis.
37	Jos. Eugène Lachance.....		53	Quebec.
38	J. Théophile St-Laurent.....	Dominion.....	56	"
39	Joseph Victor Gourdeou.....	Carbray's Co.....	60	St. Petronille, Orleans.
40	Louis Trefflé Delisle.....		53	Trois Pistoles.
41	J.-Bte. Couillard.....		56	Cap St. Ignace.
42	J. E. Bonaventure Lavoie.....		55	St. Anne.
43	Adjutor Baillargeon.....	Manchester.....	53	Quebec.
44	Srmuel Rioux.....	Allan L.....	54	"
45	Charles Cctave Clavet.....	B. Dimond.....	53	St. Michel, Bellechasse.
46	Paul Lachance, (suspended to the 1st July 1907).		51	Quebec.
47	Arcadius Jouvin.....		49	St. Luce, Rimouski.
48	Paul Lachance.....	Allan L.....	52	Quebec.
49	Joseph Pouliot.....		51	St. John, Orleans.
50	Joseph Larochelle.....		50	St. Michel, Bellechasse.
51	Adjutor Lachance.....	C.P.R. L.....	49	Quebec.
52	François Gaudreau.....	Head Line.....	56	"
53	Arthur Kœning.....	Carbray's & Co	56	L'Islet.
54	Eugène Anctil.....		48	Quebec.
55	David Dumas.....		54	Notre Dame, Levis.
56	Joseph Lachance.....		53	St. Laurent, Orleans.
57	Alphonse Pouliot, director.....		55	Château Richer.
58	Elzéar Normand.....		48	Cap St. Ignace.
59	Jean-Bte. Bernier.....	Donalson.....	48	L'Islet.
60	Jeseph Paquet.....		46	Quebec.
61	Jean A. Lachance.....		45	"
62	Arthur Brillargeon.....		50	"
63	Joseph Vézina.....	B. Dimond.....	46	"
64	Hermenegilde Guénard.....		49	Montmagny.
65	Elzéar Desrosiers, (not yet passed).		54	Quebec.
66	Joseph A. Irvine.....	Capt. White.....	51	Green Island, (island light ship)
67	Frédéric Bouffard.....		50	St. Laurent, Orleans.



SESSIONAL PAPER No. 23

BRANCH PILOTS for and below the Harbour of Quebec, according to Seniority—*Con.*

No.	Name.		Age	Residence.
68	Jules Asselin.....	B. Dimond...	46	Quebec.
69	Prudent Marmen.....	.....	48	Beauport.
70	Lucien Lachance.....	Thompson L...	46	Quebec.
71	Camille Bernier.....	Dominion.....	49	"
72	Moïse Blouin.....	.....	56	"
73	Moïse Laurent Godbout.....	.....	47	"
74	Alfred Gaudreau.....	.....	54	Cap St. Ignace.
75	Alfred Raymond.....	.....	46	Quebec.
76	Philias Lachance.....	Manchester...	47	St. John, Orleans.
77	Joseph H. Talbot, director.....	.....	45	Berthier.
78	Moïse Arthur Lachance.....	.....	44	Quebec.
79	Louis Frs. Thivierge.....	.....	41	"
80	Joseph Emile Lachance.....	.....	41	St. John, Orleans.
81	Alphonse Asselin.....	B. Dimond...	42	Quebec
82	Joseph Plante.....	.....	41	St. Paul's Bay.
83	Alphonse Paquet.....	Carbray & Co..	41	Quebec.
84	Adelard Bernier.....	C.P.R. L. ....	46	"
85	Jean-Bte. Pouliot.....	Donaldson L..	37	St. John, Orleans.
86	Joseph Thivierge.....	.....	38	Quebec.
87	Léonidas Lachance.....	.....	37	St. John, Orleans.
88	Eudore Langlois.....	.....	45	Quebec.
89	Joseph Delisle.....	.....	33	St. John, Orleans.
90	Jules Lachance.....	B. Dimond...	23	" "
91	Auguste Santerre.....	Allan Line....	24	St. Michel, Bellechasse.
92	Arthur Larochelle.....	.....	26	" "
93	Raoûl Lachance.....	Eld'r Dampst'r	26	St. Joseph, Levis.
94	William Langlois.....	B. Dimond...	27	Quebec.
95	Ernest Bernier.....	Carbray & Co.	32	St. Michel, Bellechasse.
96	Arthur Paquet.....	.....	24	Notre Dame, Levis.
97	Jules Lamarre.....	.....	23	St. Valier.
98	George Larochelle.....	.....	28	St. Michel, Bellechasse.
99	Adélard Delisle.....	.....	27	Quebec.
100	Pierre L. Lachance.....	.....	23	"
101	Alexandre Larochelle.....	Elder Dampst.	23	St. Michel, Bellechasse.
102	Joseph A. Dupil.....	.....	23	St. Jean Port Joli.
103	Arthur Paquet.....	.....	31	St. John, Orleans.

OFFICERS OF THE BOARD :

Alfred Larochelle, President.  
Joseph H. Talbot, Director.  
Charles Raymond, Director.

Louis Morin, Director.  
Alphonse Pouliot, Director.  
Alfred Raymond, Director.

F. X. DION, Secretary Treasurer,  
P. H. LAMONTAGNE, Asst. Sec. Treasurer,  
L. E. LAROCHELLE, Superintendent.



APPENDIX 9

REPORT OF THE PILOTAGE AUTHORITY OF ST. JOHN, N. B., FOR THE YEAR ENDING DECEMBER 31, 1906.

OFFICE OF PILOTAGE AUTHORITY,  
DISTRICT OF ST. JOHN, N. B., January 6, 1907.

F. GOURDEAU, Esq.,  
Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—I have the honour by direction, to forward you herewith, the annual returns for this district, for the year ending the 31st December, 1906, which I trust you will find in order.

I have the honour to be sir,  
Your obedient servant.

J. U. THOMAS, *Secretary.*

OFFICE of Pilotage Authority, District of St. John, N.B., December 31, 1906.

REVENUE ACCOUNT.		\$	cts.	\$	cts.
Receipts—					
Licenses to 23 pilots at \$5.....		115	00		
" 5 boats at \$10 .....		50	00		
25 cents per foot on outward pilotage from St. John, to date .....		2,219	86		
25 cents per foot on outward pilotage from Musquash, to date.. ..		33	50		
				2,418	36
Expenditures—					
Auditing accounts for 1905 .....		25	00		
Stationery, &c.....		24	35		
Office rent, 1 year to 1st November .....		100	00		
Salary Secretary-Treasurer, 1 year to date.....		1,000	00		
				1,149	35
Amount transferred to Pilot Fund Account.....				1,269	01
				2,418	36

J. U. THOMAS,  
*Secretary.*



SESSIONAL PAPER No. 23

STATEMENT of Pilot Fund Account for the Year ended December 31, 1906.

DR.		\$	cts.	\$	cts.
Pensions paid to 3 pilots	.....	571	50		
" widows and children	.....	1,447	25		
Funeral expenses, 2 pilots	.....	40	00		
To balance				2,058	75
				7,691	08
				9,749	83
CR.					
By balance December 31, 1905	.....			8,242	57
By interest on Dominion Savings Bank deposits, 12 months to January 1, 1906	.....	238	25		
By amount from revenue account	.....	1,269	01		
				1,507	26
				9,749	83
By balance to credit of Pilot Fund account, December 31, 1906				7,691	08

J. U. THOMAS,  
Secretary.

STATEMENT of Special Fund for the Year ended December 31, 1906.

CR.		\$	cts.	\$	cts.
By 5 per cent from net earnings of pilots for year ending December 31, 1906	.....			1,761	36
DR.					
To amount paid on account of law expenses	.....	462	00		
To balance	.....	1,299	36		
				1,761	36
By balance to credit of Special Fund, December 31, 1906				1,299	36

J. U. THOMAS,  
Secretary.



6-7 EDOUARD VII, A. 1907

Pilots' Individual Earnings for the year 1906.

	\$	cts.	\$	cts.
Total amount, pilotage received.....			37,426	27
LESS—25c. per foot from outward pilotage.....	2,219	86		
5 p. c. of nett pilotage.....	1,761	36		
			3,981	22
Contra.			33,445	05
Bennett, James.....	2,205	83		
Cline, Richard .....	386	54		
Cline, Alfred.....	356	29		
Cline, Richard B.....	992	88		
Doyle, James.....	2,048	78		
Doherty, Joseph.....	2,618	03		
Lahey, Frank L.....	1,888	86		
Lahey, William.....	619	54		
Miller, James H.....	1,819	41		
Murray, William.....	1,376	00		
Quinn, William .....	1,878	51		
Rogers, Bartholomew .....	2,682	93		
Spears, James S.....	605	87		
Spears, Henry.....	2,610	79		
Spears, Martin.....	1,479	02		
Scott, Richard.....	12	82		
Scott, William.....	1,314	89		
Stone, Thomas J.....	2,991	45		
Sherrard, John L. C.....	1,567	92		
Thomas, John S.....	2,218	49		
Thomas, Robert.....	238	81		
Traynor, Thomas.....	1,531	29		
			33,445	05

J. U. THOMAS,  
Secretary.

RETURN of Vessels arriving at the Port of St. John, N.B. (paying pilotage), for the year ending December 31, 1906.

	British.	Foreign.	Total.
Schooners .....	79	182	261
Brigs and brigantines. ....	5		5
Ships .....			
Barques and barquentines.....	6	21	27
Steamships.....	249	41	290
	339	244	583
Amount of pilotage received .....	29,279 21	8,147 06	37,246 27

J. U. THOMAS,  
Secretary.



SESSIONAL PAPER No. 23

LICENSED Pilots, Port of St. John, N.B., for the years 1905-1906,

Name.	Age.	Residence.	Remarks.
Rennett, James...	49	St. John, N.B.	
Cline, Richard...	81	"	
Cline, Alfred...	49	"	
Cline, Richard B	36	"	
Doyle, James...	69	"	
Doherty, Joseph...	60	"	
Lahey, William	77	"	
Lahey, Frank L.	35	"	
Miller, James H.	29	"	
Murray, William...	32	"	
Quinn, William	59	"	
Rogers, Bartholomew.	49	"	
Spears, James S.	61	"	
Spears, Henry	55	"	
Spears, Martin.	49	"	
Scott, William	50	"	
Scott, Richard.	55	"	
Stone, Thomas J.	53	"	
Sherrard, John L. C.	72	"	
Thomas, John S.	58	"	
Thomas, Robert	65	"	
Traynor, Thomas.	53	"	
McAnulty, John.	68	Musquash, N.B.	Licensed for Musquash only.

J. U. THOMAS,  
*Secretary.*

STATEMENT of Funds, St. John Pilot Commissioners, December 31, 1906.

INVESTMENT ACCOUNT.	\$ cts.	\$ cts.
On deposit Dominion Savings Bank, per pass-book No. 744	5,419 91	
On deposit Dominion Savings Bank, per pass-book No. 10,260	2,343 42	
		7,763 33
CURRENT ACCOUNT.		
On deposit, Bank of New Brunswick		1,227 11
		8,990 44

J. U. THOMAS,  
*Secretary.*



6-7 EDWARD VII., A. 1907

APPENDIX 10

REPORT OF THE PILOTAGE AUTHORITY OF HALIFAX FOR THE YEAR  
ENDED DECEMBER 31, 1906.

HALIFAX, N.S., January 8, 1907.

The Deputy Minister,  
Marine and Fisheries,  
Ottawa.

SIR,—I beg to inclose yearly account for Halifax Pilotage Commission to December 31, 1906.

I remain,  
Your obedient servant,  
FRANK J. PHELAN,  
*Secretary-Treasurer.*

OFFICE OF COMMISSIONERS OF PILOTS,  
HALIFAX, N.S., January 1, 1907

1906.		RECEIPTS AND EXPENDITURES	\$	cts.	\$	cts.
Jan. 1.		Balance on hand.....	1,293	05		
Dec. 1.		Interest.....	1,006	68		
		Commission.....	2,100	37		
		Licenses.....	154	00		
		Outward Pilotage.....	2,002	05		
			6,556	15		
		Salary.....	800	00		
		Rent.....	325	00		
		Expense, office.....	239	19		
		Books and Stationery.....	12	95		
		Burials.....	150	00		
		Apprentices.....	380	00		
		Legal expense.....	22	50		
		Auditor.....	50	00		
		Superannuation.....	2,170	10		
		Balance.....	2,406	41		
1907.			6,556	15		
Jan. 1.		Balance.....			2,406	41

FRANK J. PHELAN,  
*Secretary.*

OFFICE OF COMMISSIONERS OF PILOTS,  
HALIFAX, N.S., January 1, 1907.

1906.		SUPERANNUATION FUND.	\$	cts.	\$	cts.
Jan. 1.		Balance.....			30,368	41
Dec. 1.		Commission.....	1,009	42		
		Interest.....	1,006	68		
		License.....	154	00	2,170	10
					32,538	33
		Paid pensions.....			1,686	69
					30,851	84

FRANK J. PHELAN,  
*Secretary.*



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List of pilots, Port of Halifax.

No.	Name.	Age.	Residence.
1	Jas. Flemming .....	67	Halifax.
3	Jas. Holland.....	70	Duncan's Cove.
4	Wm. Baker....	71	Halifax.
5	L. Hayes.....	25	"
6	F. Thomas.....	30	Herring Cove.
7	Ber. Brackett .....	25	"
8	Wm. Hayes .....	32	"
10	Jno. Holland .....	25	Dartmouth.
12	Jas. Hanrahan.....	69	Ferguson's Cove.
24	Jno. Hayes.....	50	Halifax.
15	Jas. Spears.....	48	"
16	J. F. Beazley.....	47	"
17	Wm. Gorman.....	32	"
18	C. F. Martin.....	40	"
19	Wm. White .....	49	Ferguson's Cove.
20	Thos. Hayes.....	47	Halifax.
21	Thos. Reyno.....	46	"
22	Frank Mackie .....	34	"
23	Henry Latter.....	38	"

FRANK J. PHELAN,  
*Secretary-Treasurer.*

List of pensioners, Halifax Pilotage District.

Name.	Age.	Residence.	Amount.
Fleming, John.. ..	93	Ketch Harbours .....	\$ 200 00
Hayes, Patk .....	84	Herring Cove.....	200 00
Fleming, J. W.....	44	Halifax.....	200 00
Beazley, Wm.....	67	" .....	200 00
Martin, Mrs. C .....		" .....	75 00
Johnson, Mrs. J. ....		Bear Cove .....	75 00
Glazebrook, C .....	61	Boston .....	75 00
" Chas.....	15	" .....	15 00
Martin, Mrs. D .....	48	Halifax.....	75 00
" Barbara.....	15	" .....	15 00
" Catherine.....	13	" .....	15 00
Gallagher, Mrs. B.....	44	" .....	75 00
" Wilfred Laurier.....	9	" .....	15 00
" Catherine.....	6	" .....	15 00
Munro, Mrs. H .....		Herring Cove.....	75 00
Reyno, Mrs. J.....		" .....	75 00
Holland, Mrs. J.....		Duncan's Cove .....	75 00
Bayers, Mrs. E.....		Halifax.....	75 00
			\$ 1,550 00

FRANK J. PHELAN,  
*Secretary-Treasurer*



6-7 EDWARD VII., A. 1907

OFFICE OF COMMISSIONERS OF PILOTS,  
HALIFAX, N.S., January 1, 1907.

RETURN of vessels entered outward at Port of Halifax, N.S., from January 1, 1906,  
to December 31, 1906, subject to pilotage.

## BRITISH.

Schooners.	Barques.	Steamers.	Tonnage.	Pilotage.
43	9	741	1,215,754	\$10,320 14

## FOREIGN.

Schooners.	Barges.	Barques.	Steamers.	Tonnage.	Pilotage.
5	2	12	131	120,001	\$1,882 10

FRANK J. PHELAN,  
*Secretary.*

RETURN of vessels entered inward at Port of Halifax, N. S., from January 1, 1906,  
to December 31, 1906, subject to pilotage.

## BRITISH.

Schooners.	Barques.	Steamers.	Tonnage.	Pilotage.
107	10	748	1,223,858	\$18,244 10

## FOREIGN.

Schooners.	Barges.	Barques.	Steamers.	Tonnage.	Pilotage.
80	2	13	135	130,069	\$3,894 20

FRANK J. PHELAN.  
*Secretary.*



APPENDIX 11

REPORT OF THE VICTORIA AND ESQUIMALT PILOTAGE AUTHORITY  
FOR THE YEAR ENDING DECEMBER 31, 1906.

VICTORIA, B.C., February 5, 1907.

F. GOURDEAU, Esq.,  
Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—Inclosed, please find annual report for the year 1906, which I trust is correct and satisfactory.

I am, sir,  
Your truly,

ANGUS B. McNEIL,  
*Secretary-Treasurer.*

*Receipts.*

British .....	\$ 5,452 85
Foreign .....	8,569 75
Surplus, 1905 .....	499 21
	<hr/>
	\$14,521 81

*Expenditure.*

Surplus, 1905 .....	\$ 499 21
Pilots drawings .....	12,281 97
Secretary—Salary .....	600 00
"    Rent and expenses .....	437 50
Advance to pilots from surplus .....	300 00
	<hr/>
	\$14,118 68
Surplus .....	403 13

NAMES of pilots serving under Victoria and Esquimalt pilotage authority.

	Age.
Samuel W. Bucknam .....	56
William Cox .....	51
Thomas Bebbington .....	60
John Newby .....	57
John Thompson .....	57

ANGUS B. McNEIL,  
*Secretary-Treasurer.*

Audited and found correct.

WALTER S. FRASER.

JOHN G. COX,  
*Chairman.*

A. B. FRASER, Sr.,  
WILLIAM GRANT,  
JOSHUA KINGHAM,  
*Commissioners.*

ANGUS B. McNEIL,  
*Secretary Treasurer.*



APPENDIX 12

REPORT OF THE VANCOUVER PILOTAGE AUTHORITY FOR THE  
YEAR ENDING DECEMBER 31, 1906.

VANCOUVER, B.C., January 10, 1907.

The Honourable  
The Minister of Marine and Fisheries,  
Ottawa.

SIR,—I have the honour to inclose herewith, statement of accounts, and of the affairs of the Vancouver Pilotage District, for the year just ended, 1906.

At a mee'ing of the commissioners held yesterday, the accounts were audited and signed by the chairman, and I was instructed to forward same to you.

I have the honour to be, sir,  
Your obedient servant,

C. GARDINER JOHNSON,  
*Secretary.*

VANCOUVER, B.C., January 1, 1907.

No. of License.	Name of Pilot.	Age.	Service in.	Remarks.
1 1st class ...	William Ettershank.....	64	Licensed to pilot vessels of any size or description within the limits of the Vancouver Pilotage District.	Active.
2 1st class .....	George W. Robertson...	56		"
3 1st class ....	H. Robson Jones.....	51		"
4 1st class .....	Donald Patterson . ....	45		"
5 2nd class .....	Joseph R. Reardon.....	43		"

NOTE.—Pilotage dues now in force are same as approved by Order in Council, Saturday, the 28th day of April, 1894. New By-Laws are at present before the Minister of Marine for approval.



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*Inwards.*

18 British sailers.....	\$	554	75
12 Foreign sailers.....		292	00
83 British steamers.....		3,852	75
216 Foreign steamers.....		3,814	88
<hr/>			
	\$	8,614	37

*Outwards.*

17 British sailers .....	\$	633	00
12 Foreign sailers.....		447	00
81 British steamers.....		4,125	00
215 Foreign steamers.....		3,881	88
<hr/>			
		9,086	88
<hr/>			
	\$	17,701	25
<hr/>			

Remaining in port on December 31, 1906.—*Dundee*, \$27 ; *Pondo*, \$41.25 ; *Aorangi*, \$128.50.

C. GARDINER JOHNSON,  
*Secretary.*

Approved,  
RICHARD ALEXANDER,  
*Chairman.*

*Receipts.*

Balance in bank, January 5, 1906.....	\$	461	21
Pilotage earnings for year 1906.....		17,701	25
<hr/>			
		\$18,162	46

*Disbursements.*

Paid pilots, January 5, 1906.....	\$	461	21
Paid pilots during year 1906 . . . . .		11,775	87
Office expense account, 1906 .....		1,102	18
Pilotage expense account, 1906 .....		4,155	28
Balance in bank .....		667	92
<hr/>			
		\$18,162	46
<hr/>			

C. GARDINER JOHNSON,  
*Secretary*

Approved,  
RICHARD ALEXANDER,  
*Chairman.*



6-7 EDWARD VII., A. 1907

VANCOUVER, B.C., January 1, 1907.

## LEDGER BALANCE.

*Assets.*

Bank of Montreal.....	\$ 667 92	
Bank of Montreal, savings department.....	\$ 693 86	
Interest, 1906.....	20 80	
	—————	\$ 714 66
		————— \$ 1,382 58

*Liabilities.*

Reserve fund.....	\$ 693 86	
Interest, 1906.....	20 80	
	—————	\$ 714 66
Pilotage earnings undisbursed.....		667 92
		————— \$ 1,382 58

C. GARDINER JOHNSON,  
*Secretary.*

Approved,  
RICHARD ALEXANDER,  
*Chairman.*



SESSIONAL PAPER No. 23

## APPENDIX 13

REPORT OF NANAIMO PILOTAGE AUTHORITY FOR THE YEAR ENDED  
DECEMBER, 31, 1906

NANAIMO, B.C., January 8, 1907.

The Deputy Minister of Marine and Fisheries,  
Ottawa, Ont.

SIR,—By direction of the Board of Pilot Commissioners I have the honour to inclose you a statement of the accounts of the Nanaimo Pilotage Authority for the year ending December 31, 1906.

I have the honour to be, sir,

Your obedient servant,

TULLY BOYCE,  
*Secretary.*

## NANAIMO PILOTAGE AUTHORITY.

## PILOTAGE Returns for the year 1906.

## LICENSED PILOTS.

Name.	Age.
Christensen, James.....	65
Butler, James Edgar.....	46
Owen, William David.....	40
Yates, Albert Francis.....	54
Gosse, Josiah.....	42

## RATES OF PILOTAGE.

\$1 per foot of draught and 1 cent per ton net register.  
Special rates for mail steamers and tugs.



6-7 EDWARD VII., A. 1907

STATEMENT of Pilotage collected for the year 1906.

	FULL PILOTAGE.			HALF PILOTAGE.		
	British.	Foreign.	Total.	British.	Foreign.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
January.....	853 00	809 00	1,662 00	97 00	231 00	328 00
February....	458 00	689 00	1,147 00	70 00	245 00	315 00
March.....	466 00	695 00	1,161 00	159 00	199 50	358 50
April.....	438 00	504 00	942 00	38 00	178 00	216 00
May.....	680 00	871 00	1,557 00	79 00	227 00	306 00
June.....	803 00	460 00	1,263 00	21 00	191 00	212 00
July.....	789 00	569 00	1,358 00	70 00	186 00	256 00
August.....	1,085 00	480 00	1,565 00	81 00	222 00	303 00
September....	1,215 00	581 00	1,796 00	21 00	341 50	362 50
October.....	1,786 00	478 00	2,264 00	79 00	270 50	349 50
November.....	1,236 00	776 00	2,012 00	58 00	245 24	303 24
December.....	1,069 94	883 14	1,953 08	33 50	288 91	322 41
	10,878 94	7,795 14	18,674 08	806 50	2,825 65	3,632 15

STATEMENT of Receipts and Expenditures for the year 1906.

	\$ cts.		\$ cts.
To pilotage fees collected as per enclosed statement.....	22,306 23	By Salary secretary and treasurer....	600 00
		Rent, janitor, light, fuel, &c.....	232 75
		Printing, postage and stationery..	50 55
		Furniture and repairs.....	30 65
		Pilot station expenses.....	1,658 79
		Commissions to collectors.....	369 79
		Travelling and personal expenses..	2,400 00
		Pilot boat account.....	550 00
		Legal expenses.....	56 00
		Net earnings.....	16,357 70
	22,306 23		22,306 23

J. S. KNARSTON,  
Chairman.

TULLY BOYCE,  
Secretary.

Approved,  
Commissioners. { THOMAS A. CONNELL,  
HARRY B. SHAW,  
RICHARD GIBSON.



SESSIONAL PAPER No. 23

APPENDIX 14

REPORT OF THE PILOTAGE AUTHORITY OF PICTOU, N.S., FOR THE YEAR 1906.

Pictou, N.S., March 1, 1907.

F. GOURDEAU, Esq.  
Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—Inclosed, please find pilotage returns for the port of Pictou, N.S., for the season ending 1906.

I am, sir,

Your obedient servant,

DODD DWYER,  
*Secretary.*

TOTAL amount received for Pilotage dues, 1906.

	\$	cts.	\$	cts.
Received from steamships.....	2,464	13		
" sailing ships .. .. .	264	00		
			2,738	13
Of this amount—				
Received from British ships.....	371	56		
" Foreign ships .. .. .	2,356	57		
			2,738	13

Certified.

A. B. BELANGER,  
*Master, SS. Campana.*

EARNINGS of Pilots for 1906.

No.	Name.	Age.	\$	cts.
1	Wm. A. Cooke.....	68	380	22
2	Chas. Cooke.....	58	849	48
3	Geo. W. Powell.....	55	79	06
4	Angus Smith.....	49	1,005	16
5	McGregor Fraser.....	38	320	21
6	Wm. McPherson....	31	66	00
			2,700	13



6-7 EDWARD VII., A. 1907

RECEIPTS and Expenditures of all moneys received on behalf of Pilotage Authority.

RECEIPTS.	\$	cts.	\$	cts.
Received pilotage as per statement ..	2,738	13		
" from 7 pilot bonds ..	7	00		
" " Capt. Belanger.....	40	00		
" " fine, Angus Smith.....	40	00		
Balance due secretary.....	372	00		
			3,197	13
EXPENDITURES.				
Paid pilots ..	2,700	13		
" secretary's salary.....	200	00		
" balance due, 1905.....	297	00		
			3,197	13

A. C. MACDONALD,  
WILLIAM FRASER,  
JAMES YORSTEN,  
JOSEPH FOSTER,  
D. A. BARNY,  
*Commissioners.*

DODD DWYER,  
*Secretary.*



APPENDIX 15

REPORT OF PILOTAGE AUTHORITY OF SYDNEY, C.B., YEAR ENDING  
DECEMBER 31, 1906.

F. GOURDEAU, Esq.,  
Deputy Minister of Marine and Fisheries,  
Ottawa, Canada.

SIR,—Herewith please find returns in connection with pilotage authority, district  
of Sydney, year ending December 31, 1906.

I am, sir,  
Your obeidient servant,  
W. A. RICHARDSON, *Secretary.*

STATEMENT OF RELIEF.

Name.	Amount.
Maurice Doyle...	\$ 30 00
Isabelle MacGillivary...	30 00
Catherine MacGillivary...	30 00
Margaret Petrie.....	30 00
Widow Daley .. . . .	30 00
Mary Petrie.....	30 00
Widow MacInnis.....	30 00
Widow Brown.....	30 00
Pilot W. Ratchford.....	50 00
Pilot George Townsend .. . . .	50 00
Pilot John Curren.....	15 00
	355 00

NAMES of Pilots, and Earnings year, 1906.

No.	Name.	Amount paid.	No.	Name.	Amount paid.
		\$ cts.			\$ cts.
1	John Cann.....	862 19	25	E. D. Cann.....	862 19
2	John Mullins. ....	862 19	26	George Spencer .....	862 19
3	Lawrence Ling .....	862 19	27	George Brown.....	862 19
4	James Carroll... ..	862 19	28	M. Curren .....	862 19
5	Andrew Ratchford.....	862 19	29	H. Ratchford.....	862 19
6	Lawrence Connell.....	862 19	30	W. Langille.....	862 19
7	John Carroll. ....	862 19	31	John Mahon.....	862 19
8	John Fraser.....	862 19	32	Thomas McNeil... ..	862 19
9	James Fraser.....	862 19	33	John MacNeil.....	862 19
10	Bernard Mullins.. ..	862 19			28,452 27
11	Vincent McGillivary.....	862 19			
12	D. A. MacInnis... ..	862 19		APPRENTICES.	
13	J. D. MacGillivary .....	862 19	1	Thomas Burke.....	431 13
14	J. B. MacGillivary.....	862 19	2	George Fraser.....	431 13
15	James Shannahan.....	862 19	3	William White.....	431 13
16	Joseph Brown.....	862 19	4	William Perry.....	431 13
17	Thomas Roberts.....	862 19	5	Henry Petrie.....	431 13
18	J. T. Laffin .....	862 19	6	Wesley Brown.....	431 13
19	Thomas Ratchford... ..	862 19	7	John Boutilier.....	431 13
20	D. D. Petrie.....	862 19			3,017 91
21	E. F. Petrie.....	862 19			
22	A. R. Richardson.....	862 19			
23	Louis Carroll.....	862 19			
24	Thomas Rudderham.....	862 19			



WHITE Flag Steamers, Licensed 1906.

Name.	Class.	Amount.	
		\$	cts.
Cape Breton. ....	Steamer .....	100	00
Louisbourg.. ....	" .....	100	00
Coban.....	" .....	100	00
Cacouna.....	" .....	100	00
Harlow.....	" .....	100	00
Canada... ..	" .....	100	00
Wasis.....	" .....	100	00
Polino . . . . .	" .....	100	00
Woban.....	" .....	100	00
Canada.....	" .....	100	00
A. W. Perry.....	" .....	100	00
Restigouche.....	" .....	100	00
		1,200	00

STATEMENT of Receipts and Expenditures.

RECEIPTS.		EXPENDIDURES.	
	\$ cts.		\$ cts.
Pilotage receipts.....	31,470 18	Paid pilots.. . . .	28,452 27
Commission at 5 per cent. ....	1,656 32	" apprentices.. . . .	3,017 91
Relief.....	98 00	" relief.....	355 00
Licenses pilots and boats.. . . .	137 50	" 3 collectors . . . . .	650 00
White flag licenses.....	1,200 00	" secretary treasurer.....	500 00
Balance Dec. 31, 1906.....	152 19	" commissioner's (expenses)....	600 00
		" office rent . . . . .	100 00
		" bye-laws, typewriting, &c.....	25 00
		" refund ss. <i>Bains Hawkins</i> .....	9 50
		" printing . . . . .	15 75
		" superintendent pilots.....	250 00
	34,714 19		33,975 43
	33,975 43		
lance Dec. 31, 1906 . . . . .	738 76		

British Steamers.

	Total.	Amount.
North Sydney .....	81,261	\$1,823 00
International Pier... ..	254,295	7,033 50
Sydney....	34,095	910 50
	372,651	9,767 00

Foreign Steamers.

North Sydney.....	160,479	\$5,163 50
International Pier.....	411,846	9,582 50
Sydney... ..	417,137 .	8,119 50
	989,512	22,865 00



## SESSIONAL PAPER No. 23

*British Sail.*

	Total	Amount.
North Sydney.....	6,383	\$ 272 00
International Pier.....		.....
Sydney.....	1,274	63 00
	<hr/> 7,657	<hr/> 335 00

*Foreign Sail.*

North Sydney.....	5,275	\$ 101 50
International Pier.....	77	9 00
Sydney.....	1,224	49 00
	<hr/> 6,576	<hr/> 159 50

*Relief.*

North Sydney.....	4,102	\$ 82 50
International Pier.....		.....
Sydney.....	563	15 50
	<hr/> 4,665	<hr/> 98 00
Total.. ..	1,381,061	\$33,224 05

*Recapitulation.*

British vessels.....	380,308	\$10,102 00
Foreign ".....	996,088	23,024 50
Relief ".....	4,665	98 00
	<hr/> 1 381 061	<hr/> \$33,224 50







SESSIONAL PAPER No. 23

DAVID RODENIZER, LISCOMBE, No. 1.

23 — 37	Oct. 6..	Halifax. ....	Steamer . . . . . Tern . . . . .	Briardene. .... Preference. ....	Newcastle. .... Parrsboro . . . . .	1,723 243	Capt. D. P. Crowe. .... " Gale. ....	17 00 5 00	19 00 7 00	36 00 12 00
	Nov. 21..	Sherbrooke. ....								48 00

SETH McKINLY, LISCOMBE, No. 5.

Oct. 6..	Halifax. ....	Steamer . . . . . Schooner. ....	Briardene. .... Preference . . . . .	Newcastle. .... Windsor, N.S. ....	1,723 243	Capt. D. P. Crowe. .... " Gale. ....	17 00 5 00	19 00 7 00	36 00 12 00
Nov. 21..	Sherbrooke. ....								48 00

To the Deputy Minister of  
Marine and Fisheries, Ottawa.

SIR,—I beg to submit the above report, although some of the pilots have not made returns, but they had no ships this year.

WILLIAM PRIDE,  
*Secretary and Commissioner.*



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## APPENDIX 17

REPORT OF THE PILOTAGE AUTHORITY OF ARICHAT, C. B., FOR THE  
YEAR ENDING DECEMBER 31, 1906.

ARICHAT, C. B., January 2, 1907.

F. GOURDEAU, Lt.-Col.,  
Deputy Minister Marine and Fisheries,  
Ottawa.

SIR,—I did not report any pilotage business for the year 1906, for the reason that there was none. We are getting out of sailing vessels at this port.

Yours truly,

ISIDORE LEBLANC,  
*Secretary Pilotage Authority.*

## APPENDIX 18

REPORT OF THE PILOTAGE AUTHORITY OF PARRSBORO, N.S., FOR THE  
YEAR ENDING DECEMBER 31, 1906.

6 British vessels paid	\$216 50
4 Foreign vessels paid	206 00
	<hr/>
	\$422 50

Paid pilot Robert Anderson	\$237 61
Paid pilot Joseph Anderson	155 31
Office contingencies	15 00
Commissioner's expenses	10 00
Secretary for salary	4 58
	<hr/>
	\$422 50

No change in rates during the year. Pilot Robert Anderson died during the year and Joseph Anderson was appointed in his place.

## DESCRIPTION OF JOSEPH ANDERSON.

Age.	Height.	Complexion.	Colour of Hair.	Colour of Eyes.	Marks.	Remarks.
33	5½ feet.	Sandy . . .	Black . . . . .	Brown . . . . .	None . . .	Stout build.

E. GILLESPIE,  
*Secretary, Parrsboro Pilotage Authority.*



## APPENDIX 19

REPORT OF THE PILOTAGE AUTHORITY OF PUGWASH, FOR THE YEAR  
ENDING DECEMBER 31, 1906.

To the Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—I beg to report on behalf of the commissioners of pilots for the ports of Pugwash and Port Philip for the year ending December 31, 1906, as follows :—

No.	Names of Pilots.	Age.	No.	Names of Pilots.	Age.
1	Neil McHiver.....	47	2	Clarence Reid.....	53
3	George Cooper.....	55	4	George Heather.....	64
5	Andrew L. Seaman.....	65	6	Alfred E. Seaman.....	28
7	George Tuttle King.....	27			

## NAMES of Ships Carrying Lumber for Export.

Names of Ships.	Date.	Nationality.	Tonnage.	Pilotage.	Pilot in Charge.
SS. Arcola.....	May .....	British.....	1,651	\$ 69 29	A. E. Seaman.
" Vlieland.. ..	" .....	Dutch.....	1,229	53 45	Neil McHiver.
" Nile. ....	June .....	British.. ..	1,267	52 01	Andrew L. Seaman.
" Wlidenir .....	July.....	Danish.....	1,349	55 71	George Heather.
" Prah.....	" .....	British.....	1,593	66 68	A. E. Seaman.
" Arcola.. ..	" .....	" .....	1,651	69 29	"
" Atlas. ....	Sept. ....	Norwegian.....	834	38 00	Andrew L. Seaman.
" Arcola.....	" .....	British.....	1,651	69 29	A. E. Seaman.
" Jumna.....	" .....	" .....	2,694	116 23	George Heather.
Barque Hilder .....	" .....	Norwegian.....	1,150	49 90	Neil McHiver.
SS. Egwanga.....	July.....	British.....	1,614	67 53	"
" Andonia.....	Nov.....	" .....	2,034	86 53	A. E. Seaman.
" Agnar.....	" .....	Norwegian.....	984	40 00	Andrew L. Seaman.
			19,771	\$833 90	Pilots employed, 4.
Kind of Ships. Number.					
British steamers.....		8			
Dutch steamer.....		1			
Danish steamer.....		1			
Norwegian steamers.....		2			
Norwegian barque.. ..		1			
Total. ....		13			



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The following is a statement of the earnings which have been paid to the pilots so employed for the year of 1906, in the port of Pugwash :—

Pilotage dues on ships.....	\$ 833 90	
Extra mooring and moving.....	30 00	To loading berth.
Piloting schooners.....	25 00	George Heather.
For schooners..	6 50	Andrew L. Seaman.
" "	10 25	Alfred E. Seaman.
" "	10 00	Neil McHiver.
" "	6 00	George Tuttle King.
Pilotage dues total.....	\$ 921 65	

A number of schooners enter this port that pilot themselves inward and outward. There is no pilot fund in the district. The inclosed report is most respectfully submitted.

I am, sir, your most humble servant,

ELIAS KING,

*Secretary of Commissioners of Pilots.*

## APPENDIX 20

### REPORT OF THE PILOTAGE AUTHORITY OF BUCTOUCHE, N. B., FOR THE YEAR 1906.

BUCTOUCHE, N. B., January 29, 1907.

F. GOURDEAU, Esq.,  
Deputy Minister Marine and Fisheries,  
Ottawa.

DEAR SIR,—I herewith inclose pilotage returns for the pilotage district of Buctouche, for the year 1906, which I hope will be found satisfactory.

Yours very truly,

JOHN C. ROSS, *Secretary,*  
*Buctouche Pilotage Authority.*

PILOTAGE Returns, district of Buctouche, province of New Brunswick, for the year 1906.  
Act 36 Vic. cap. 54 sec. 24.

1. Names and ages of pilots licensed :—Joseph Crossman, age 55 years ; Joseph Belleisle, age 50 years.

2. The above pilots are licensed to undertake the pilotage of vessels of every description within and throughout the pilotage district of Buctouche.

3. Pilotage dues are charged as per section 1 of rules and regulations for the district, viz. : One dollar and fifty cents per foot draught of water both inward and outward bound.

4. Total amount of pilotage dues collected during the year \$210.25 ; of this amount \$206.25 was paid by 4 sailing vessels and 2 steam barges, all foreign ; and \$4 by 2 schooners British (optional).

5. The pilotage as above, was paid to the pilots who performed their duties as such to the respective vessels.

6. No new licenses were issued during the year, nor any expenses incurred by the pilotage authority.

JOHN C. ROSS,  
*Secretary Pilotage Authority.*

BUCTOUCHE, N. B., January 17, 1907.



SESSIONAL PAPER No. 23

## APPENDIX 21

REPORT OF THE PILOTAGE AUTHORITY OF NEW WESTMINSTER, B. C.,  
FOR THE YEAR ENDING DECEMBER 31, 1907.

NEW WESTMINSTER, B. C., March 1, 1907.

F. GOURDEAU, Esq.  
Deputy Minister of Marine,  
Ottawa.

The pilotage authority of the port of New Westminster, B. C., beg leave to submit the following report for the year 1906.

Name of pilot:—James W. Rogers, age 40. Serving full district.

No. of vessels reported liable to pay pilotage.—

	Inwards.	Outwards.
British sailing vessels . . . . .	2	3
" steam " . . . . .	5	4
Foreign " " . . . . .	11	11
" sailing " . . . . .	4	4
	<hr/> 22	<hr/> 22

One steam and one sailing vessel in port.

Nationality of above vessels reported inwards during 1906:—

British. . . . .	7
American. . . . .	10
Norwegian. . . . .	2
German. . . . .	1
Japanese . . . . .	1
	<hr/> 22

The total amount received for pilotage services for the year, as follows —

From British vessels . . . . .	\$ 422 25
" Foreign " . . . . .	742 40
	<hr/> \$1,164 65

The above amount was duly paid the pilot, less 10 per cent.

The rates of pilotage for the district are as follows:—

For vessels under sail . . . . .	\$4 00 per foot.
" " " steam . . . . .	1 50 "
" " in tow of a steamer . . . . .	2 00 "

Respectfully submitted,

F. P. MAXWELL,  
*Secretary.*



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## APPENDIX 22

REPORT OF THE PILOTAGE AUTHORITY OF RICHIBUCTO, N. B., FOR  
THE YEAR ENDING DECEMBER 31, 1906.

REXTON, N. B., November 30, 1906.

F. GOURDEAU, Esq.,  
Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—We, the pilot commissioners for the port of Richibucto, N. B., send you our annual report.

We held annual meeting in William J. Brait's office, Rexton, March 24. William H. Long, George H. Long, John A. Curwen, James W. Long, Albert A. Long. Five pilots were granted licenses for this port and posted in Custom House, Richibucto, N.B., on May 1, 1906.

Sorry we have to report loss of Norwegian bark *Adeoná*, while loading outside of bar, being driven on reef with northeast gale, and eleven persons on board perished November 13, 1906.

Depth of water on jib sheet bar 12 ft. 6 in. H. W. O. S.

Depth of water on outer bar 13 ft. 6 in. H. W. O. S.

JAMES GORDON,

*Secretary to Pilot Commissioners.*

Richibucto, N. B., December 13, 1906.

Ten vessels, 3,051 tonnage, loaded and cleared foreign.

150 schooners, 12,000 tonnage, loaded home trade and U. S. A.

## APPENDIX 23

REPORT OF THE PILOTAGE AUTHORITY OF CARAQUET, N. B., FOR  
THE YEAR ENDING DECEMBER 31, 1906.

CARAQUET, N. B., December 27, 1906.

The Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—I beg to inclose herewith statement of pilotage paid during year 1906, in the pilotage district of Caraquet, also statement of account of the pilot commissioners.

I have the honour to be, sir, your obedient servant.

PHILIP RIVE,

*Pilot Commissioner and Secretary to Pilot Commission.*



## SESSIONAL PAPER No. 23

STATEMENT of Pilotage paid during year 1906 in the Pilotage District of Caraquet.

Vessel.	Nationality.	Reg.	Ton- nage.	Date of Arrival.	Name of Pilot Inwards.	Date of Sailing.	Name of Pilot Outwards.	Amount of Pilotage.
Sinams. . . . .	Russian . . . .	Schr..	248	May 23	C. Vibert. . . . .	May 28	C. Vibert. . . .	\$ cts. 26 20
Drusie. . . . .	British. . . . .	" .	99	Aug. 1	No pilot . . . . .	Aug. 4	No pilot. . . . .	.....
Maud. . . . .	" . . . . .	" .	99	Sept. 22	C. Vibert. . . . .	Oct. 24	C. Vibert. . . . .	20 00
Alliance . . . . .	" . . . . .	" .	99	Oct. 22	C. Vibert. . . . .	Nov. 15	C. Vibert. . . . .	21 80
								67 00

## PHILIP RIVE in account with Pilotage Authority, Caraquet.

DR.	1906.	CR.	
	\$ cts.	\$ cts.	
To Jos. B. Chasson, for boat license.....	1 00	By stationery.....	1 00
Joseph Ed. LeBoutillier, for boat license...	1 00	Salary.....	3 00
Larose Gauvin, for boat license.....	1 00		
Chas. Vibert, for boat license.....	1 00		
	<hr/> 4 00		<hr/> 4 00

PHILIP RIVE,  
*Secretary to Pilot Commissioners.*

CARAQUET, December 27, 1906.



RETURN of Pilotage made by the undersigned, in accordance with Rule XI. of the Pilot Regulations passed April 29, and approved June 16, 1874.

Date.	Name of Vessel.	Description.	Tonnage.	Nationality.	Where from.	Draft of Water.		Pilotage Inwards.	Pilotage Outwards.	Total.
						In.	Out.	\$ cts.	\$ cts.	\$ cts.
February 21.....	Childe Harold.....	Schooner.....	800	American.....	Philadelphia.....	16 ft.	9 ft.	27 20	15 30	42 50
April 6.....	Salacia.....	Steamer.....	2,500	British.....	Sydney.....	16 ft.	10 ft.	24 00	15 00	39 00
June 20.....	Yanke.....	".....	300	Norwegian.....	".....	15 ft.	10 ft.	22 50	15 00	37 00
July 1.....	St. Olof.....	Schooner.....	340	British.....	".....	12 ft.	8 ft.	18 00	12 00	30 00
September 4.....	Evylne.....	".....	300	".....	Bath, Me.....	8 ft.	14 ft.	12 00	21 00	33 00
" 25.....	Carrie E. Norton.....	".....	400	American.....	Philadelphia.....	16 ft.	10 ft.	24 00	15 00	39 00
November 9.....	Mary E. Morse.....	".....	600	".....	New York.....	8 ft.	19 ft.	12 00	22 50	34 50
" 20.....	Three Sisters.....	".....	275	".....	Boston.....	10 ft.	6 ft.	15 00	9 00	24 00
										277 00

Return of Pilotage for year ending December 6, 1906.

JOSEPH BOYD,  
*Pilot.*



RETURN of Pilotage made by the undersigned, in accordance with Rule XI. of the Pilot Regulations passed April 29, and approved June 16, 1874.

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Date.	Name of Vessel.	Description.	Tonnage.	Nationality.	Where from.	Draft of Water.		Pilotage Inwards.	Pilotage Outwards.	Total.
						In.	Out.	\$ cts.	\$ cts.	\$ cts.
April 2.....	J. V. Wellington.....	Schooner...	244	Foreign ..	Calais ..	8 ft.	13 ft.	8 00	19 50	27 50
" 9.....	Seguin.....	" ..	334	" ..	" ..	8 ft.	14 ft.	8 00	21 00	29 00
" 15.....	Luella ..	" ..	100	British.....	New York....	10 ft.	6 ft.	15 00	9 00	24 00
May 31.....	J. V. Wellington. ....	" ..	224	Foreign ..	" ..	13 ft.	19 ft.	19 50	19 50	39 00
July 15.....	Helen.....	" ..	140	" ..	" ..	9 ft.	9 ft.	13 50	13 50	27 00
August 1.....	J. V. Wellington. ....	" ..	224	" ..	Calais.....	8 ft.	13 ft.	8 00	19 50	27 50
September 20.....	Seguin.....	" ..	334	" ..	" ..	8 ft.	14 ft.	8 00	21 00	29 00
November 17.....	Carrie C. Cook.....	" ..	430	" ..	" ..	9 ft.	15 ft.	9 00	22 00	31 00
										234 00

WELLINGTON CLINE,  
*Pilot.*



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## APPENDIX 24

REPORT OF THE PILOTAGE DISTRICT OF MONTREAL FOR THE  
YEAR ENDING DECEMBER 31, 1906.THE PILOTAGE OFFICE AT MONTREAL,  
December 7, 1906.COL. F. GOURDEAU,  
Deputy Minister of Marine and Fisheries,  
Ottawa, Ont.

SIR,—Inclosed find the annual report of the working of this office during the present year.

Trusting that it will be found in order.

I have the honour to remain, sir,

Your obedient servant,

JAMES J. RILEY,  
*Superintendent of Pilots.*THE PILOTAGE OFFICE AT MONTREAL,  
December 7, 1906.To the Deputy Minister of Marine and Fisheries,  
Ottawa, Canada.

## REPORT ON MONTREAL PILOTAGE.

SIR,—I have the honour to report upon the operations of the Montreal pilotage Branch of your department for the year 1906.

The offices in Montreal are at No 1, Place Royale; Captain James J. Riley is the Superintendent, Mr. J. O. Michaud, the assistant, and Mr. Louis Pinoteau, the messenger.

The office in Quebec is on Dalhousie street, in a satisfactory location, opposite the office of the Quebec Pilots and the Boatman's landing; Mr. Ulric Thibaudeau is the officer in charge.

At the close of last season, there were forty-nine (49) branch pilots on the active service roll, and with the promotion of apprentice pilot, Mr. J. Oswald Frenette, the season of 1906 was opened with the full number of fifty (50) branch pilots in active service.

The retirement, in June, of branch pilot, Mr. Alfred St. Amant, by reason of physical disability, left a vacancy, that was filled by Mr. C. B. Hamelin.

The retirement, in November, of branch pilot, Mr. Néré Bellisle, on account of defective eye-sight, left a vacancy that was filled by Mr. Tancrede Perron, so that there are now the full number of fifty (50) branch pilots on the active service roll.

The earnings of the branch pilots amounted to seventy four thousand five hundred and forty-four dollars and forty-nine cents (\$74,544.49), (See appendix 1), which shows the names of the pilots, their ages, place of residence, date of branch, number of Montreal trips, number of trips to intermediate ports, total number of trips, earnings on Montreal trips, earnings on intermediate port trips, total of earnings and how employed, that is to say, whether special service or 'tour-de-rôle.'



## SESSIONAL PAPER No. 23

The largest amount earned by any one pilot was two thousand, seven hundred and ninety-nine dollars and nineteen cents (\$2,799.19), and the smallest, one hundred and sixty-seven dollars and nine cents (\$167.09).

All the pilots were employed in special service, with the exception of thirteen (13) who were on 'tour-de-rôle' and who earned, between them, the sum of five thousand, one hundred and ninety-nine dollars and sixty-six cents (\$5,199.66).

The standard of conduct and efficiency of the pilots, as a whole, has been well maintained during the season now closed; all the special service appointments, with one exception, seem to give satisfaction, and even the exceptional case was not made a matter of special complaint.

Three cases of ebriety have been reported, one of them, a special service pilot, who has happily now been reinstated.

Appendix 2 shows the names of the ten selected apprentice pilots, and a summary of their season's work.

Two from this list have been promoted to branch pilots, as indicated on appendix 1, and those from the general list of apprentice pilots who have been promoted to the list of the ten selected are indicated on this list by 2.

May I be permitted to recommend a slight change in the by-laws, to the effect that apprentice pilots shall, during the period of their apprenticeship, serve 24 months at sea, to the end that they become conversant with the usages of seafarers, the language of the seamen whom, for the most part, they shall be called upon to assist, and obtain, in some degree, a sense of order and discipline.

Appendix 3 is a list of the apprentice pilots in the order of their seniority, all of whom are eligible for promotion to the list of the ten selected.

Appendix 4 shows the names of the persons receiving pensions from the pilots superannuation fund, and the amounts they receive each quarter. There have been four additions to this list during the year 1906. The accounts and the moneys of the pilots superannuation fund are in the custody, and under the management, of the Finance Department in Ottawa. This office only serves as a disbursing agency, and renders to the Finance Department an accounting, quarterly, of all moneys received.

The recent visit of Mr. C. W. White, from the Accounting Department, was productive of good, and the pilots superannuation fund will receive permanent benefit as a result of his labours.

Appendix 5, though, perhaps, not relevant to the present report, may interest you as showing that, at this office, 820 vessels have been reported, with a total of 1,977,534 tons, and with masters and crews aggregating 43,456, and that 63,722 passengers have been brought.

All respectfully submitted by your obedient servant,

JAMES J. RILEY,  
*Superintendent of Pilots.*



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## APPENDIX

## BRANCH PILOTS FOR AND ABOVE

STATEMENT showing the number of Branch Pilots, for and above the Harbour of  
and whether employed on Special

No.	Name of Pilot.	Age.	Residence.	Date of Branch.	Remarks.
1	Naud, Onésime.....	65	Deschambault, P.Q.....	Mar. 16, '70.	
2	Beaudet, Prudent..	66	36 Ste. Famille, Quebec....	Oct. 10, '70.	
3	Brunet, Célestin.....	63	112 Desery St., Montreal....	Feb. 28, '72.	
4	Groleau, Ulric.....	59	Grondines, P.Q.....	Oct. 30, '72.	
*5	St. Amant, Alfred.....	62	Deschambault, P.Q.....	" 30, '72.	
6	Perrault, Narcisse.....	69	" ".....	Apl. 10, '74.	
7	Auger, S. Cléophas.....	60	Pointe Lévis, P.Q.....	Sept. 22, '74.	Member of Committee.
8	Labranche, Ferdinand.....	59	Portneuf, P.Q.....	Apl. 8, '75.	
9	Bouillé, Louis Z. ....	57	Deschambault, P.Q.....	Jan. 16, '78.	
10	Gauthier, Laurent.....	55	" ".....	Dec. 10, '79.	
11	Nault, Delavoie.....	53	" ".....	" 10, '79.	
12	Gauthier, Wilbrod.....	53	" ".....	" 10, '79.	President Committee..
13	Dufresne, Georges.....	57	" ".....	" 10, '80.	
14	Arcand, Norbert .....	53	Champlain, P.Q.....	" 10, '80.	Member of Committee.
15	Bouillé, Tancrede.....	52	Deschambault, P.Q.....	" 11, '80.	
16	Arcand, Nestor.....	50	" ".....	Feb. 20, '84.	
17	Dussault, G. Jos.....	50	" ".....	" 20, '84.	
*18	Bellisle, Néré.....	55	" ".....	May 20, '87.	
19	Raymond, Wilfrid...	51	" ".....	Apl. 20, '88.	Member of Committee.
20	Hurteau, Joseph P.....	46	26 Duluth St., Montreal....	Mar. 20, '89.	
21	Perrault, Edouard.....	57	Deschambault, P.Q.....	" 20, '89.	
22	Bouillé, C. Lydéric.....	49	Three-Rivers, P.Q.....	" 20, '89.	
23	Dussault, Honoré.....	53	Ste. Pétronille, P.Q.....	July 16, '89.	
24	Brière, Arthur.....	49	Portneuf, P.Q.....	Apl. 28, '91.	
25	Perrault, Alexis.....	44	Deschambault, P.Q.....	" 28, '91.	
26	Dufresne, Côme.....	46	" ".....	June 23, '91.	
27	Nadeau, J. B.....	47	Lévis, P.Q.....	Apl. 11, '93.	
28	Naud, Aubert.....	53	Deschambault, P.Q.....	July 11, '93.	
29	Dussault, Napoléon.....	44	" ".....	April 3, '94.	Secretary Committee..
30	Arcand, Barthélemi. ....	44	" ".....	" 3, '94.	
31	Bellisle, Prudent.....	44	" ".....	" 3, '94.	
32	Arcand, Georges.....	42	" ".....	" 3, '94.	
33	Toupin, Constant.....	40	Three-Rivers, P.Q.....	" 3, '94.	
34	Perrault, Georges.....	41	Deschambault, P.Q.....	Sept. 11, '94.	
35	Bouillé, Narcisse.....	47	" ".....	Oct. 9, '94.	
36	Leveillé, Joseph.....	43	Batiscan, P.Q.....	June 18, '95.	
37	Perron, Séverre.....	48	993 St. André St., Montreal.	Apl. 14, '96.	
38	Anger, Albéric .....	32	Ste. Anne de la Péraide ...	Mar. 14, '98.	
39	Belisle, Arthur.....	44	Deschambault, P.Q.....	Sept. 20, '98.	
40	Hamelin, G. Théodule. ....	32	Grondines, P.Q.....	" 20, '98.	
41	Perrault, Amthyme.....	38	Deschambault, P.Q.....	May 1, 1900.	
42	Raymond, J. N.....	37	" ".....	Oct. 4, 1900.	
43	Bourassa, J. H.....	29	Lévis, P.Q.....	Apl. 16, '01.	
44	Pleau, J. Edouard.....	36	Batiscan, P.Q.....	July 25, '01.	
45	Paquin, E. Azarias .....	34	9 Marché Finlay, Québec....	June 13, '02.	
46	Labranche, J. Melville....	32	Portneuf, P.Q.....	" 13, '02.	
47	Paquet, Damien.....	32	Grondines, P.Q.....	Feb. 4, '03.	
48	Gariépy, J. Arthur.....	28	Deschambault, P.Q.....	Apl. 20, '03.	
49	Gagnon, Albert.....	30	Three-Rivers.....	Nov. 30, '03.	
50	Frenette, J. Oswald.....	30	Portneuf, P.Q.....	Mar. 26, '06.	
51	Hamelin, Chs. B.....	26	Champlain, P.Q.....	June 8, '06.	
52	Perron, Tancrede.....	26	Deschambault, P.Q.....	Dec. 1, '06.	

\* No. 5. St. Amant, Alfred, was superannuated on the 1st day of June 1906, and replaced by Chs. B.

\* No. 18. Bellisle, Néré, was superannuated on the 27th day of November 1906, and replaced by

MONTREAL PILOTAGE OFFICE, December 6, 1906.



SESSIONAL PAPER No. 23

No. 1.

THE HARBOUR OF QUEBEC.

Quebec, during the year 1906, their age, residence, number of Pilotage, Earnings, Service, or Tour-de-Rôle.

Number of trips to Montreal.		Number of Trips to Intermediate Ports.		Total No. of Trips.	Earnings to Montreal.	Earnings to intermediate Ports.	Total Earnings.	Employed on Special Service or Tour-de-Rôle.
					\$ cts.	\$ cts.	\$ cts.	
5	3	.....	1	9	249 59	18 75	268 34	Tour-de-Rôle.
15	15	. . .	.....	30	1,740 13	.....	1,740 13	C.P.R. Atlantic.
... ..	15	. . .	3	18	404 10	66 94	471 04	Tour-de-Rôle.
3	4	2	2	11	288 98	119 00	407 98	"
1	1	.....	.....	2	79 80	.....	79 80	"
19	21	.....	.....	40	2,251 46	.....	2,251 46	Donaldson Line.
23	22	.....	.....	45	2,421 17	.....	2,421 17	" "
15	15	. . .	1	31	1,745 51	45 79	1,791 30	C.P.R. Atlantic.
16	16	.....	.....	32	1,842 42	.....	1,842 42	" "
25	21	.....	.....	46	2,753 35	.....	2,753 35	Allan Line.
24	24	1	1	50	2,554 42	75 26	2,629 48	Dominion Coal Co.
25	22	.....	.....	47	2,799 19	.....	2,799 19	Allan Line.
16	16	.....	.....	32	986 67	.....	986 67	Quebec SS. Co.
25	25	.....	.....	50	2,596 34	.....	2,596 34	Dominion Coal Co.
21	23	.....	.....	44	2,524 95	.....	2,524 95	Allan Line.
19	20	.....	.....	39	1,440 34	.....	1,440 34	Acadia Coal Co.
21	21	.....	.....	42	1,908 77	.....	1,908 77	Dominion Coal Co.
1	2	3	4	10	121 67	191 26	312 93	Tour-de-Rôle.
17	16	.....	.....	33	1,860 75	.....	1,860 75	Thomson Line.
20	19	2	1	42	1,843 11	95 51	1,938 62	Dominion Coal Co.
13	12	.....	1	26	1,294 06	36 75	1,330 81	Manchester Line.
15	15	. . .	2	32	1,719 60	76 42	1,796 92	C.P.R. Atlantic.
9	7	.....	2	18	659 29	64 32	723 61	Manchester Line.
17	19	1	7	44	1,659 43	292 02	1,951 45	Head Line.
12	12	.....	1	25	1,340 06	33 75	1,373 81	Dominion Line.
13	19	1	1	34	1,261 51	69 04	1,330 55	Hamburg L. & T.d.-Rôle
3	3	3	4	13	240 38	199 01	439 39	Tour-de-Rôle.
19	25	. . .	.....	44	2,381 11	.....	2,381 11	Allan Line.
18	17	.....	.....	35	1,923 94	.....	1,923 94	Thomson Line.
18	15	.....	.....	33	1,239 41	.....	1,239 41	Intercolonial Coal Co.
20	19	2	2	43	1,745 67	111 32	1,856 99	Dominion Coal Co.
11	11	. . .	2	24	1,135 33	83 13	1,218 46	Furness Withy & Co.
19	17	1	1	38	1,587 39	64 75	1,652 14	Elder Dempster & Co.
15	16	.....	.....	31	1,844 02	.....	1,844 02	Leyland Line.
4	3	1	1	9	257 14	72 63	349 77	Tour-de-Rôle.
17	16	. . .	.....	33	1,767 06	.....	1,767 06	Thomson Line.
18	18	3	3	42	1,662 18	173 14	1,835 32	Dominion Coal Co.
15	17	. . .	.....	32	1,914 47	.....	1,914 47	Dominion Line.
19	16	2	4	41	1,271 11	195 02	1,466 13	F. A. Routh & Co.
17	17	3	3	40	1,598 05	180 55	1,778 60	Dominion Coal Co.
14	12	.....	.....	26	1,563 40	.....	1,563 40	Dominion Line.
3	4	2	3	12	284 51	142 46	426 97	Tour-de-Rôle.
21	21	.....	.....	42	1,959 56	.....	1,959 56	Dominion Coal Co.
2	.....	2	2	6	72 09	95 00	167 09	Tour-de-Rôle.
32	24	1	2	59	2,130 04	112 67	2,242 71	F. A. Routh & Co.
5	4	.....	.....	9	315 16	.....	315 16	Tour-de-Rôle.
4	4	.....	.....	8	279 09	.....	279 09	"
20	18	1	1	40	1,827 80	60 82	1,888 62	Dominion Coal Co.
8	7	3	2	20	597 46	134 55	732 01	Inverness Ry. & Coal Co.
17	18	2	. . .	37	1,374 02	46 22	1,420 24	Dominion Coal Co.
4	5	.....	2	11	287 67	63 88	351 55	Tour-de-Rôle.
.....	.....	.....	.....	.....	.....	.....	.....	.....
					71,624 53	2,919 96	74,544 49	

Hamelin.  
Tancrede Perron.

JAMES J. RILEY, *Superintendent of Pilots.*



6-7 EDWARD VII., A. 1907

Names of the ten selected apprentice pilots, and summary of their work during the season now closed :

1. Charles B. Hamelin, made 11 trips, and then branched.
2. Tancrede Perron               "   54   "
3. Delavoie Frenette           "   40   "
4. Fortunat Hamelin           "   58   "
5. Cyriac Gauthier           "   23   "
6. J. B. Angers               "   9   "
7. Alfred Angers, resigned August 25, 1906.
8. David J. Perrault, made 26 trips.
9. Laurent J. Gauthier, dismissed June 5, 1906.
10. F. X. Rivard, made 32 trips.
11. Joseph Mayrand, promoted June 8, 1906.
12. Napoléon Lachance, promoted November 12, 1906.
13. Henri Bouillé, promoted November 15, 1906.

Names of ordinary apprentice pilots :

1. Théode Perron.
2. Bona Dussault.
3. Jos. Arthur Arcand.
4. Anthyme Boudreau.
5. Arthur Brière.
6. Napoléon de Villers.
7. Armand Marchand.
8. Achille Gosselin.
9. Donat Paquette.
10. Edmond Lacroix.
11. Philibert de Lachevrotière.
12. Thomas Houde.
13. Cyprien Marchand.
14. Ludovic Lacouture.
15. Emilien Naud.
16. G. Perrault.



SESSIONAL PAPER No. 23

MONTREAL DECAYED PILOTS FUND.

List of Pensioners, Amounts payable each Quarter.

No.	Name.	Residence.	Amount
			\$ cts.
1	Heirs Louis Bellisle, care of Néré Bellisle, tutor .....	Deschambault, P.Q.....	37 33
2	Widow David L. Bouille.....	" .....	29 33
3	" Athanase Dufresne.....	" .....	37 33
4	" Victor Gagnon.....	Champlain, P.Q.....	37 33
5	" Alexis Gauthier .....	Deschambault, P.Q.....	32 00
6	" Octave J. Hamelin.....	" .....	37 33
7	" Joseph Léveillé.....	Hospice Auclair, Montreal .....	37 33
8	" Adolphe Lise.....	16 Drummond St., Montreal. ....	37 33
9	" David Mathieu .....	Grondines, P.Q.....	32 00
10	" Edouard Naud.....	Sorel, P.Q.....	32 00
11	" Jean Nault.....	Deschambault, P.Q.....	32 00
12	" Elzéard Bellisle.....	" .....	37 33
13	" Zéphirin Bouille.....	" .....	37 33
14	" Cyrille Belisle... ..	Lachevrotière Station, P.Q.....	29 33
15	" Joseph Pleau .....	Ste. Anne de la Pérade, P.Q. ....	37 33
16	" Joseph Toupin.....	Champlain, P.Q.....	32 00
17	Heirs Josaphat Sauvageau, care of F. X. Gauthier, tutor.....	Deschambault, P.Q.....	29 33
18	Deceased pilot, Jean Arcand .....	" .....	75 00
19	" Cyrille Belisle.....	" .....	75 00
20	" L. A. Bouille.....	" .....	75 00
21	" Philippe Bélanger.. ..	Lotbinière, P.Q.....	75 00
22	" Joseph Chandonnet. ....	Lévis, P.Q.....	75 00
23	" François Desjordy.....	Lavaltrie, P.Q .....	75 00
24	" Pierre Gagnon .....	Three Rivers, P.Q .....	75 00
25	" Louis Mayrand.....	Ste. Anne de la Pérade, P.Q.....	75 00
26	" Augustin Naud. ....	Deschambault, P.Q .....	75 00
27	" Liboire Perrault.....	" .....	75 00
28	" Trefflé Toupin.....	Lac Bouchette, P.Q.....	75 00
29	" Alfred Frenette. ....	Portneuf, P.Q.....	75 00
30	" Gedeon Groleau. ....	Grondines, P.Q .....	75 00
31	" Alfred St. Amant. ....	Deschambault, P.Q.....	75 00
32	" *Néré Bellisle.....	" .....	75 00

Number of vessels reported to this office.....	820
Total tonnage of these vessels .....	1,977,534
The number of masters and crews was.....	43,456
Number of passengers brought....	63,722

APPENDIX 25

REPORT OF THE PILOTAGE AUTHORITY OF MIRAMICHI, N. B., FOR THE YEAR ENDING DECEMBER 31, 1906.

NEWCASTLE, MIRAMICHI, N. B., January 3, 1907.

F. GOURDEAU, Esq.,  
Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—I have the honour to hand you herewith the pilotage returns for the district of Miramichi, N. B., for the year ending December 31, 1906.

I am, sir, your obedient servant,

BYRON N. CALL,  
*Secretary-Treasurer to Pilot Commissioners.*



6-7 EDWARD VII., A. 1907

PILOTAGE RETURNS for the Pilotage District of Miramichi, N.B., for the year ended December 31, 1906.

Class of Vessel.	No. of Vessels.	Total.
Vessels reported inward—		
British steamers.....	48	
" sailing vessels.....	15	
Foreign steamers.....	23	
" sailing vessels.....	39	125
Vessels reported outward—		
British steamers.....	47	
" sailing vessels.....	17	
Foreign steamers.....	23	
" sailing vessels.....	39	126
Vessels removed—		
British steamers.....	21	
" sailing vessels.....	2	
Foreign steamers.....	8	
" sailing vessels.....	21	52

B. N. CALL,  
*Secretary-Treasurer to Pilotage Commissioners.*

PILOTAGE RETURNS for the Pilotage District of Miramichi, N.B., for the year ended December 31, 1906.

Class of Vessel.	Amount.	Total.
	\$ cts.	\$ cts.
Total amount of pilotage inward—		
British steamers.....	2,588 13	
" sailing vessels.....	319 51	
Foreign steamers.....	1,108 67	
" sailing vessels.....	1,045 73	5,062 04
Total amount of pilotage outward—		
British steamers.....	2,792 92	
" sailing vessels.....	430 00	
Foreign steamers.....	1,087 70	
" sailing vessels.....	1,341 25	5,651 87
Total amount of removals—		
British steamers.....	152 00	
" sailing vessels.....	10 00	
Foreign steamers.....	106 46	
" sailing vessels.....	173 25	441 71
		11,155 62

B. N. CALL,  
*Secretary-Treasurer to Pilotage Commissioners.*



SESSIONAL PAPER No. 23

RATES of Pilotage chargeable at Miramichi, N.B., on all vessels, British and Foreign, year ended December 31, 1906.

When inward bound.....	\$2.25 per foot.
And in addition to the above for all vessels propelled wholly or in part by steam.....	2c. per reg. ton.
When outward bound.....	\$2 per foot.
And in addition to the above for all vessels propelled wholly or in part by steam.....	2c. per reg. ton.
For the removal and mooring of vessels over 300 tons.....	\$4.
And where the distance of removal exceeds four miles, fifty per cent additional on the above rates.	
Removals within a distance of one mile are not compulsory, but when pilots are requested by masters to perform this service, the charge is.....	\$4.
Steam tug-boats towing one or more barges with cargo inwards, may depart outwards, after having paid full pilotage for the tug and barges inward, without paying any outward pilotage except on the tug.	

NATIONALITIES of Vessels piloted Inwards during the year 1906

	No.		No.
American.....	4	German.....	2
British.....	63	Norwegian.....	37
Danish.....	2	Swedish.....	7
Dutch.....	1	Russian.....	9
			125

B. N. CALL,  
*Secretary-Treasurer to Pilotage Commissioners.*

PILOTAGE RETURNS for the Pilotage District of Miramichi, N.B., year ended December 31, 1906.

No.	Names of Pilots.	Age.	For what Service.
2	Louis Jimmo.....	53	Full license.
6	Francis Martin.....	73	"
7	Maxime Martin.....	62	"
10	Alexander Wilson.....	61	"
11	Robert J. Walls.....	56	"
22	William Walls, sr.....	53	"
26	John McCallum.....	55	"
27	James Nowlan.....	56	"
29	George Sutton.....	56	"
30	James A. Nowlan.....	52	"
31	George T. Tait.....	50	"
32	Joseph Jimmo.....	52	"
33	James McCallum.....	63	"
35	John Martin.....	48	"
36	Asa Walls.....	48	"
37	William Walls, jr.....	50	"
38	John Nowlan.....	51	"
41	Michael J. Jimmo.....	40	"
42	George M. Nolan.....	51	"
43	Christopher C. McLean.....	60	"
44	George Savoy.....	63	"



List of Pilot Boats Licensed.

No.	Name.	Tonnage.	Name of Captain.	First Licensed.
15	<i>Princess Louise</i> .....	20·85	Asa Walls.....	May, 1879
16	<i>Senator Snowball</i> .....	30·95	Jas. A. Nowlan.....	" 1897
17	<i>Mabel</i> .....	22·00	George Savoy.....	" 1900

B. N. CALL,  
*Secretary-Treasurer to Pilotage Commissioners.*

THE Miramichi Pilots, in account with B. N. Call, Secretary-Treasurer.

1906.	DR.	\$	cts.
June 7..	To paid J. A. McMillan, St. John, for record book .....	6	25
" 7..	Cost of bank draft for above remittance.....	0	10
" 7..	Express charges on record book.....	0	40
" 18..	Jas. A. Nowlan, fitting out sch. <i>Senator Snowball</i> .....	57	50
" 18..	Owners tug <i>St. Andrew</i> , taking light-ship to station.....	15	00
" 18..	J. Fred Benson, printing pilot reports.....	2	00
" 18..	J. B. Snowball Co., account sch. <i>Princess Louise</i> .....	8	98
" 18..	J. B. Snowball Co., account sch. <i>Senator Snowball</i> .....	18	99
July 18..	Asa Walls account sch. <i>Princess Louise</i> .....	40	60
" 18..	J. B. Snowball Co., account sch. <i>Princess Louise</i> .....	6	83
" 18..	Robt. J. Walls, repairing buoys. ....	38	57
Aug. 18..	V. A. Danville, amount of J. J. Yoreton's account, Pictou.....	28	33
" 18..	Asa Walls, sails for sch. <i>Princess Louise</i> .....	114	50
" 18..	George Stothart, account sch. <i>Princess Louise</i> .....	13	55
Sept. 18..	George P. Searle, rent of pilot's office to April, 1907....	24	00
" 18..	Miramichi Steam Navigation Co., tickets.. ..	3	75
Oct. 18..	Alexander Martin, pension for the year 1906.....	75	00
" 18..	Robt. J. Walls, expenses, horse-hire, telegrams, &c. ....	3	85
" 18..	Michael Bransfield, half pilotage inward of barque <i>Vikar</i> , per R. J. Walls.	14	62
" 18..	D. Doyle, taking pilot J. A. Nowlan to Chatham.....	1	25
Nov. 17..	J. B. Snowball Co., account sch. <i>Senator Snowball</i> ....	1	77
" 17..	J. B. Snowball Co., account sch. <i>Princess Louise</i> .....	2	00
" 17..	Edw. Burke, account <i>Princess Louise</i> , \$1.75, and <i>Senator Snowball</i> \$4.60..	6	35
" 17..	A. C. McLean, account sch. <i>Senator Snowball</i> . ....	4	83
" 17..	A. C. McLean, account sch. <i>Princeses Louise</i> .....	12	82
" 17..	W. S. Loggie Co., account sch. <i>Princess Louise</i> ....	16	20
" 17..	W. S. Loggie Co., account sch. <i>Senator Snowball</i> .....	42	19
" 24..	E. Johnson, stationery for pilots' office.....	1	93
" 24..	Jno. McDonald & Co., lumber.....	2	33
" 24..	Owners tug <i>St. Andrew</i> bringing light-ship from station. ....	15	00
" 24..	Wm. Walls, jr., passage from Escuminac.....	3	00
" 24..	John Martin's, passage from Escuminac .....	3	00
" 26..	Robt. J. Walls, cleaning pilots' office.....	2	00
" 26..	A. & R. oggie, rent of warehouse for 1906.....	10	00
Dec. 4..	Anslow Brothers, account printing forms.....	1	25
" 4..	'North Shore Leader,' account printing, forms .....	1	50
" 4..	Secretary-Treasurer, for postage, stationery, &c .....	3	60
" 4..	B. N. Call, services as Secretary-Treasurer, commission on \$11,789.62 at 3 per cent. ....	353	69
" 4..	Seventeen pilots, \$8,709.97, and four pilots, \$2,122.12 .....	10,832	09
1906.	CR.	\$11,789	62
Dec. 4..	By amount of pilotage collected inwards .....	\$ 5,062	04
" 4..	" " " outwards. ....	5,651	87
" 4..	" removals collected.....	441	71
" 4..	" earnings outside collected.....	634	00
		\$11,789	62

B. N. CALL,  
*Secretary-Treasurer to Pilotage Commissioners.*

J. C. MILLER, *Chairman.*



SESSIONAL PAPER No. 23

APPENDIX 26

REPORT OF THE PILOTAGE AUTHORITY OF RESTIGOUCHE, N. B., FOR  
THE YEAR ENDING DECEMBER 31, 1906.

CAMPBELLTON, N. B., January 11, 1907.

F. GOURDEAU, Esq.,  
Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—I have the honour to hand you herewith the report of the pilotage com-  
missioners for the district of Restigouche for season ending December 31, 1906, duly  
signed by the chairman and myself.

Your obedient servant,  
  
FRANK S. BLAIR,  
*Secretary-Treasurer.*

BALANCE SHEET OF THE SECRETARY TREASURER OF THE PILOTAGE COMMISSIONERS,  
YEAR ENDING DECEMBER 31, 1906.

*Assets.*

Bank of New Brunswick.....	\$ 73 28
Ed. Esliger, Comm. Dredge.....	36 00

*Liabilities.*

F. S. Blair, balance due.....	\$ 16 45	
Pilotage fund.....	92 83	
	\$109 28	\$109 28

F. S. BLAIR  
*Secretary-Treasurer.*

CAMPBELLTON, N. B., December 31, 1906.

DALHOUSIE.

Pilots.	Tons.	Amount Due.	Commission.
		\$ cts.	\$ cts,
D. C. McNeill.....	2,351	81 00	2 43
John McNeill.....	2,361	98 50	2 96
Wm. Donohue.....	139	6 00	0 24
Robert McNeill.....	633	33 50	1 00
N. Neilson.....	8,299	321 97	9 67
Ed. Esliger.....	1,023	19 00	0 57
Jos. Esliger .....	1,735	67 00	2 01
Total vessels, 17.....	16,541	628 97	18 88



6-7 EDWARD VII., A. 1907

RIVER LOUISION.

Pilots.	Tons.	Amount Due.	Commission.
		\$ cts.	\$ cts.
N. Neilson.....	1,507	66 00	1 98
Ed. Esliger.....	761	50 00	1 49
R. McNeill.....	3,301	143 98	4 34
J. McNeill.....	998	41 50	1 25
Jos. Esliger.....	236	22 50	0 68
Commissioners.....	174	12 00	0 36
Total vessels, 11.....	6,997	335 98	10 10

CAMPBELLTON.

N. Neilson.....	22,539	1,534 04	46 02
John McNeill.....	12,221	822 45	24 67
Wm. Donohue.....	6,069	434 79	13 04
Ed. Esliger.....	5,223	434 40	13 03
D. C. McNeill.....	692	66 50	1 99
Total vessels, 53.....	46,744	3,292 18	99 75

RECAPITULATION.

Port.	Number of Ships.	Total Tonnage.	Total Dues.	Commission.
			\$ cts.	\$ cts.
Campbellton.....	53	48,744	3,292 18	98 75
Dalhousie.....	17	16,541	628 97	18 88
River Louision.....	11	6,997	335 98	10 10
Totals.....	81	70,282	4,257 13	127 73

INDIVIDUAL EARNINGS OF PILOTS.

Age.	Pilot.	Gross Amount.	Commission.
		\$ cts.	\$ cts.
41	Ed. Esliger.....	503 40	16 09
32	N. Neilson.....	1,922 01	57 67
50	Jos. Esliger.....	89 50	2 69
27	John McNeill.....	962 45	28 88
65	Robt. McNeill.....	177 48	5 34
39	Wm. Donohue.....	442 79	13 28
30	D. C. McNeill.....	147 50	4 42
....	Commissioners.....	12 00	0 36
		4,257 13	128 73

WM. CURRIE,  
Chairman.  
CAMPBELLTON, N.B., December 31, 1906.

FRANK S. BLAIR,  
Secretary-Treasurer.



SESSIONAL PAPER No. 23

## APPENDIX 27

REPORT OF THE PORT WARDEN AT MONTREAL FOR THE YEAR  
ENDING DECEMBER 31, 1906.

MONTREAL, January 7, 1907.

Honourable L. P. BRODEUR,  
Minister of Marine and Fisheries,  
Ottawa.

SIR,—I have the honour by direction of the council of this board and in compliance with section 31 of the Act governing the Port Warden's office, 45 Vic., chap. 45, to transmit herewith documents as follows:—

1. Port Warden's annual report for the year 1906.
2. Audited statement of receipts and expenditures of the Port Warden's office for the year ending December 31, 1906.
3. Statement of investments of Port Warden, surplus funds.

I have the honour to be, sir, your obedient servant.

GEO. HADRILL, *Secretary*.

MONTREAL, December 31, 1906.

To the President and Council  
of the Montreal Board of Trade,  
City.

GENTLEMEN,—I have the honour to submit the annual report of the business of this office, with the statements of exports, receipts and expenditure for the year 1906.

Navigation opened this season by the arrival of the steamships *Campana* and *Polino* at noon April 20.

The first ocean vessel to arrive was the Donaldson Line ss. *Marina* from Glasgow at 3 p.m., April 28, followed by the ss. *Montfort* at 4 p.m. same day.

The first sailing vessel to arrive was the Russian barque *Waltikka* from Luderits bay, South Africa, in ballast. She loaded lumber for Monte Video. There were only two oversea or foreign-going sailing vessels in port this season, this trade is rapidly becoming extinct.

The Strait of Belle Isle was reported open and clear of ice the first week in June, which is unusually early. The ss. *Manchester Shipper* reported, passing out at Belle Isle on June 9. The telegraphic communication with Belle Isle is becoming more important and advantageous each season.

The last ocean vessel to sail hence this season was the Elder Dempster Co's. ss. *Dagama*, which brought a cargo of southern pine and left port on December 2 at 10 a.m., getting safely through to Quebec the next day.

The improvements in the buoying, lighting, and deepening of the ship channel are steadily and satisfactorily progressing. Vessels are now able to come up at any hour of the night, in clear weather, and we are informed that there is not less than 30 feet of water at the lowest state of the river in any part of the ship channel between Montreal and Bastiscan. Permanent lighthouse piers, to replace the light-ships in Lake St. Peter, and new permanent ranges throughout the ship channel between this port and Quebec are of great advantage to the safe navigation of the river.



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There has been no mishap to any vessel in the river between this port and Quebec, this season, that can be attributed to the ship channel. The ss. *Athenia*, owing to a sudden snow squall, went aground near Cap la Roche, was quickly floated and resumed her voyage.

There have been but few accidents of any kind in the St. Lawrence trade this season, the grounding of the Montreal Trade s, the ss. *Mystic* and ss. *Kensington*, being the only mishaps of a serious nature.

Three hundred and ninety-six oversea or foreign going vessels of all kinds were entered at this office with a tonnage of 1,361,418 tons, against three hundred and seventy-eight vessels and 1,303,490 tons in 1905, an increase of eighteen vessels and 57,928 tons, compared with last season.

The business to the lower ports this season consisted of—Entered, three hundred and seventy-six vessels of all classes with a tonnage of 590,935 tons, against three hundred and seventy-two vessels of 572,401 tons, an increase of four vessels and 18,534 tons.

The total importation of coal *via* the St. Lawrence river this season was 1,615,654 tons, against 1,448,780 tons in 1905, an increase of 166,874 tons.

The shipments of various kinds for the past season manifested and reported at this office, are, as per attached statement.

All of which is respectfully submitted.

ARCHIBALD REID,  
*Port Warden.*

STATEMENT of the Investments of the Surplus Funds of the Port Warden's Office at Montreal, and of interest accruing therefrom during the year ended December 31, 1906.

Date.	—	Amount.	Per cent for 12 months.	Interest.
		\$ cts.		\$ cts.
Feb. 16, 1880..	Expended \$2,380.34 in purchase of Dominion Gov- ernment stock.....	2,300 00	3½	80 50
Aug. 16, 1880..	Expended \$7,284.11 in purchase of city of Montreal registered stock.....	7,000 00	5	350 00
Feb. 18, 1884..	Expended \$5,031.34 in purchase of city of Montreal registered stock (Coupon bonds Nos. 1720 to 1724 inclusive for \$1,000 each).....	5,000 00	4	200 00
March 14, 1887..	Expended \$10,320.75 in purchase of city of Montreal consolidated fund stock.....	10,000 00	4	400 00
Jan. 6, 1906..	Expended \$10,000 in purchase of Montreal har- bour bonds.....	10,000 00	4	200 00
	Loans to Montreal Board of Trade building-fund...	70,000 00	4	2,800 00
	Total investments.....	104,300 00		4,030 50

C. B. ESDAILE,  
*Treasurer, Montreal Board of Trade.*

GEO. HADRILL,  
*Secretary, Montreal Board of Trade.*

MONTREAL, January 5, 1907.



PORT WARDEN'S OFFICE.  
STATEMENT of Revenue and Expenditures for the year ending December 31, 1906.

1905.	Dr.	\$	cts.	\$	cts.	1906.	Cr.	\$	cts.	\$	cts.
Dec. 31....	To balance in bank.....	14,281	03			Dec. 31...	By Paid salaries, &c.—				
" 31....	To cash in Port Warden's hands .....	92	90	14,373	93		Archibald Reid, port warden.....	3,000	00		
" 31....	To outstanding accounts, 1905....	.....	.....	28	11		Jas. N. Bales, deputy port warden.....	2,200	00		
1906.							W. J. Anderson, book-keeper.....	1,800	00		
Dec. 31....	To revenue derived as under—						H. C. Lane, clerk.....	840	00		
	14,530,617 bus. wheat.						J. H. Findlay, junior clerk .....	224	00		
	108,583 " buckwheat.						J. A. Vibert, allowance—	300	00		
	144,547 " peas.						Superannuation allowance. ....				
	913,634 " barley.						Archibald Reid, port warden.....	370	00		
	134,314 " rye.						Jas. N. Bales, deputy port warden...	200	00		
	3,112,624 " oats.						W. J. Anderson, bookkeeper.....	200	00		
	4,464,268 " corn.						J. A. Vibert .....	179	94		
	2,939,442 " flax seed.						Board of Trade Secretarial expenses...	1,000	00		
	18,803 tons oil cake.						Rent, fuel and taxes.....	312	58		
	10,815 " minerals.						Telephones, light, cleaning office, &c....	235	07		
	536 brls ashes.						Lloyds register and shipping papers....	36	70		
	830,220 " flour and meal.						Books, printing and stationery.....	63	10		
	380,472 " apples. ....	951	21				Cab and car fares.....	25	50		
	128,875 head oxen and horses....	1,288	75				Miscellaneous expenses.....	32	01		
	11,096 " sheep.....	27	73				Alf. W. Hadrill, auditor.....	100	00		
	269,988 tons sundries.....	5,399	76								
	35,451 " hay.....	709	02				Treasurer Board of Trade for investment			11,048	96
	141,673,081 feet sawn lumber.....	768	36				Bad accounts written off.....			10,000	00
	To Port Warden's fees (inwards).....	186	50				Outstanding accounts, 1906.....			1	36
	" " (outwards).....	2,172	00				Balance cash in bank.....			9,046	45
	To special surveys.....	123	00				Cash in port warden's hands. ....			74	67
	Damaged cargo certificates ...	113	00								
				11,679	33						
	Interest bank account....	65	75								
	Treasurer Board of Trade, interest on investments....	4,030	50								
1907.										9,121	12
Jan. 1. . .	Balance. ....	9,121	12							30,177	62

ARCHIBALD REID, Port Warden.  
MONTREAL, January 2, 1907.

Audited and found correct.  
ALF. W. HADRILL, Auditor.



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COMPARATIVE Statement of Shipments, 1905 and 1906, as per manifests reported at the Port Warden's Office.

Description.	1905.	1906.	1906.	
			Increase.	Decrease.
Wheat.....Bush.	10,320,211	14,530,617	4,210,406	
Buckwheat....."	66,965	108,583	41,618	
Peas....."	69,563	144,547	74,984	
Barley....."	2,318,584	913,634		1,404,950
Rye....."	121,021	134,314	13,293	
Oats....."	2,706,194	3,112,624	406,430	
Corn....."	5,893,185	4,465,268		1,427,917
Flaxseed....."	269,453	2,939,442	2,669,989	
Total.....	21,765,176	26,349,029	7,416,720	2,832,867
			2,832,867	
Total increase for the year 1906.....			4,583,853	
Flour and meal....Brls.	684,255	830,220	145,965	
Ashes....."	827	536		291
Apples....."	545,420	380,472		164,948
Cheese.....Boxes.	2,113,832	2,223,944	110,112	
Butter.....Pkges.	554,178	356,065		198,113
Eggs....."	78,564	66,439		12,125
Boxmeats....."	425,298	297,563		127,735
Lard....."	589,616	475,128		114,488
Pulp.....Tons.	11,297	9,175		2,122
Paper....."	18,052	14,443		3,609
Sundries....."	72,536	55,850		16,686
Hay....."	37,152	35,451		1,701
Oilcake....."	13,498	18,803	5,305	
Minerals....."	22,376	10,815		11,561
Dried grains....."	112			112
Lumber.....Ft. B. M.	148,649,976	141,673,081		6,976,895
Cattle.....Head.	118,167	128,233	10,066	
Horses....."	678	642		36
Sheep....."	20,902	11,096		9,806

STATEMENT of Oversea or Foreign-going Vessels.

Description.	1905.		1906.	
	No.	Tons.	No.	Tons.
Steamers.....	373	1,300,291	394	1,360,279
Barques.....	4	2,950	2	1,139
Brigs and schooners.....	1	249		
	378	1,303,490	396	1,361,418

Increase of 18 vessels and 57,928 tons.



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STATEMENT of Lower Port Arrivals.

Description.	1905,		1906.	
	No.	Tons.	No.	Tons.
Steamers . . . . .	351	570,297	356	588,620
Brigs and schooners . . . . .	21	2,104	20	2,315
	372	572,401	376	590,935

Increase of 4 vessels and 18,534 tons.

CLEARANCES for Lower Ports.

Description.	1905.		1906.	
	No.	Tons.	No.	Tons.
Steamers . . . . .	80	62,208	82	60,790
Brigs and schooners . . . . .	20	2,039	19	2,177
	100	64,247	101	62,967

Increase of 1 vessel and decrease of 1,280 tons.

Revenue, 1905 . . . . .	\$	13,163 89
" 1906 . . . . .		11,679 33
Decrease . . . . .	\$	1,484 56

ARCHIBALD REID,  
Port Warden.



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## APPENDIX 28

REPORT OF THE PORT WARDEN AT QUEBEC FOR THE YEAR ENDING  
DECEMBER 31, 1906.

PORT WARDEN'S OFFICE, QUEBEC, December, 1906.

F. GOURDEAU, Esq.,  
Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—As requested by the 30th section of the Port Warden Rules, I beg respectfully to submit the following annual statement of the business transacted in this office during the year ending December 31, 1906, as follows:—

Fifty-four steamers were surveyed for clearance outward, after taking part cargo on board at this port, having previously shipped part cargo of grain and other goods at Montreal.

Three steamers were surveyed for clearance outward after having shipped full cargo of grain and other goods at this port.

Twenty-one steamers and three sailing vessels were surveyed, their hatches opened and cargo examined, on their arrival from sea.

Four steamers were surveyed on account of grounding and stranding in the River St. Lawrence below and above Quebec.

One steamer and two barges were surveyed on account of collision damages.

Two steamers were surveyed, and their value estimated, for general average purpose.

Sixteen surveys were held on damaged goods in stores and on wharf.

The receipts and disbursements of this office, were as follows:—

Receipts from all sources.....	\$716 00
Expenses.....	464 00
	<hr/>
Balance net receipts.....	\$252 00

Besides the above, there were several vessels damaged by stranding and otherwise that did not come under the Port Warden Rules.

Two steamers took live stock at Quebec during the season, amounting in all to 861 cattle; on which, if fees had been collected as in former years, would have amounted to \$12.92, as shown by accompanying statement.

I am, your obedient servant.

W. SIMONS, Naval Architect,  
*Port Warden.*



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QUEBEC, December, 1906.

RETURN of Cattle shipped at the Port of Quebec, during the season of 1906, with the names of steamers, and amount of fees if collected, as in former years.

Year.	Names of Vessel.	Number of Cattle.	Amount for Cattle.
1906.			\$ cts.
Sept. 21....	Virginian... ..	204	3 06
Oct. 10....	Montreal... ..	657	9 86
		861	12 92

RECAPITULATION.

Two steamers took 861 cattle from this port..... \$12 92  
No fees were collected on above cattle.

W. SIMONS,

*Acting Inspector of live stock and fittings.*

QUEBEC, December, 1906.



6-7 EDWARD VII., A. 1907

APPENDIX 29

REPORT OF THE PORT WARDEN AT HALIFAX, N.S., FOR THE YEAR  
ENDING DECEMBER 31, 1906.

HALIFAX, N.S., January 1, 1907.

F. GOURDEAU, Esq.,  
Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—I have the honour to submit my report for the year ending December 31, 1906, accompanied by a statement of the receipts and expenditure during that period.

Surveys have been held on twenty-two steamers and ten sailing vessels which arrived at this port in a damaged condition during the year. The necessary repairs have been made to the vessels ; and those of them bound for other ports, with their cargoes, proceeded to their destinations, where all of them, except the schooner *Edwin R. Hunt*, arrived safely.

The United States schooner, *Edwin R. Hunt*, of Bath, Me., put into this port, on October 10, leaky, while on a voyage from St. Ann's, C.B., bound to Philadelphia, Pa., with a cargo of plaster rock. A portion of the cargo was discharged, the vessel placed in the Halifax graving dock and the bottom and topsides were thoroughly caulked. After the repairs were completed, the portion of the cargo that was discharged, was reloaded and the vessel sailed for her destination on the morning of November 21. She was spoken on December 13 in the vicinity of Bermuda when the master reported that his chronometer had been broken and that he had difficulty in working out his position. Up to this date the vessel has not arrived at Philadelphia.

I have the honour to be, sir,

Your most obedient servant.

DAVID HUNTER,  
*Port Warden.*

RECEIPTS AND EXPENDITURE of the Port Warden, Halifax, N.S., from January 1  
to December 31, 1906.

DR.	\$ cts.	CR.	\$ cts.
To amount of fees received as port warden	2,227 75	By paid assistants, office expenses, &c.	1,529 97
Fees for inspection of cattle fittings.	17 88	Amount reverting to port warden..	715 66
	2,245 63		2,245 63

I hereby certify that the above is a true and correct statement of the receipts and expenditure of the Port Warden at Halifax, N.S., during the year 1906.

DAVID HUNTER,  
*Port Warden.*



APPENDIX 30

REPORT OF THE PORT WARDEN AT PICTOU, N.S., FOR THE YEAR  
ENDING DECEMBER 31, 1906.

Pictou, N.S., January 2, 1907.

F. GOURDEAU, Esq.,  
Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—I have the honour to submit my annual report for the year ending December 31, 1906.

Surveys	SS. <i>Amethyst</i> , of Halifax, N.S., Pictou, N.S., May 21..	\$ 26 00
"	Schooner <i>Venture</i> , May 29, P.E.I.....	16 00
"	SS. <i>Times</i> , June 11, Norwegian.....	8 00
"	Schooner <i>A. Lincoln</i> , June 15, P.E.I.....	8 00
"	" <i>Stanley McK.</i> , July 13, P.E.I.....	26 00
"	SS. <i>Unque</i> , August 8, Norwegian.....	8 00
"	Barque <i>Aline</i> , September 12, French.....	54 00
"	Schooner <i>Island City</i> , October 8, St. John.....	8 00
"	" <i>J. B. Martin</i> , October 16, P.E.I.....	8 00
"	SS. <i>Amelia</i> , October 26, M. Islands.....	26 00
"	SS. <i>Andoni</i> , Nov. 28, Liverpool .....	8 00
		<hr/>
		\$196 00
To expenses for assistance, etc .....		87 00
		<hr/>
For self.....		109 00
		<hr/>

W. C. MUNRO,  
*Port Warden.*



APPENDIX 31

REPORT OF THE PORT WARDEN AT PORT HAWKESBURY FOR THE YEAR ENDING DECEMBER 31, 1906.

PORT HAWKESBURY,  
January 4, 1907.

F. GOURDEAU, Esq.  
Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—I have the honour to submit my annual report of the doings of this office, with a statement of fees collected by me, and also the attendant expenses, during the year ending December 31, 1906.

2 Surveys on schooner <i>Éventide</i> .....	\$ 23 00
2       "               " <i>Ceto</i> .....	28 00
2       "           steamer <i>Goliah</i> .....	28 00
2       "           barque <i>Garfield</i> .....	33 00
1 Survey on schooner <i>Nicanor</i> .....	18 06
	<hr/>
	\$130 00
Paid William Duff, shipwright .....	25 00
" J. J. Hennesey, master mariner .....	20 00
" W. H. Paint, Lloyd's agent .....	15 00
" Nicholas Martin, shipwright .....	5 06
" Daniel A. Morrison, shipwright .....	5 00
	<hr/>
	\$ 70 00
Balance .....	60 00
	<hr/>
	\$130 00
Amount reverting to Port Warden .....	60 00
	<hr/>

I hereby certify the above is correct as to the amount collected by me as Port Warden at this port.

I have the honour to be, sir,  
Your obedient servant,

D. W. HENESEY,  
Port Warden.

Sworn to before me,  
WILLIAM DUFF, J.P.



APPENDIX 32

REPORT OF THE PORT WARDEN FOR PRINCE EDWARD ISLAND FOR THE YEAR ENDING DECEMBER 31, 1906.

PORT WARDEN'S OFFICE, P.E. ISLAND,  
December 31, 1906.

SIR,—I have the honour to submit my annual report of the business of my office during the past year.  
I regret to state that our crops on the island have not been up to the average and therefore few cargoes of grain have been shipped from the island this season.

I have the honour to be sir,  
Your obedient servant,  
H. P. WELSH.

F. GOURDEAU, Esq.,  
Marine Department, Ottawa.

RECEIPTS and Expenditure of the Port Warden's Office for Prince Edward Island for year ending December 31, 1906.

Date.	Reccipts.	Amount.	Date.	Expenditure.	Amount.
1906.	To fees derived from the follow- ing— Surveys on hatches..... Damaged goods..... Wrecks ..... Other surveys.....	\$ cts. 3 00 2 00 32 00 3 00 40 00	1906.	By expense of office..... Commission to deputies.... Balance ..... 	\$ cts. 2 50 16 00 21 50 40 00

I hereby certify the above to be a correct statement.  
H. P. WELSH.  
CHARLOTTETOWN, Dec. 31, 1906.



6-7 EDWARD VII., A. 1907

## APPENDIX 33

REPORT OF THE PORT WARDEN AT YARMOUTH, N.S., FOR THE YEAR  
ENDING DECEMBER 31, 1906.

YARMOUTH, N.S., January 7, 1907.

To the Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—I now make my report as Port Warden at Yarmouth, N.S., for the year ending December 31, 1906.

I have been called on seventeen times to hold surveys on vessels arriving in distress. The total amount of fees received net \$122.50, besides paying for assistance \$63.

I remain your obedient servant,

EBEN'R SCOTT,  
*Port Warden.*

Sworn to before me this 7th. Jan. 1907,

EDGAR N. CLEMENTS,  
*Notary Public, Yarmouth, N.S.*

## APPENDIX 34

REPORT OF THE PORT WARDEN AT ST. ANDREWS, N.B., FOR THE  
YEAR ENDING DECEMBER 31, 1906.Feb. 5.—Surveyed hatches, three-masted schooner *John G. Walter*; found them properly caulked and battened, also cargo in good order under hatches.—Charges, \$1.50.JOHN WREN,  
*Port Warden.*Feb. 19.—Surveyed hatches on three-masted schooner *Marguerite*, from Boston, with a cargo of phosphate; found them properly caulked and battened, and cargo in good order under hatches.—Charges, \$2.JOHN WREN,  
*Port Warden.*Feb. 21.—Surveyed hatches three-masted schooner *R. D. Speer* from New York with a cargo of phosphate; found them properly caulked and battened, and cargo in good order under hatches.—Charges, \$2.50.JOHN WREN,  
*Port Warden.*March 5.—Surveyed hatches three-masted schooner *Child Harold* from Baltimore with a cargo of phosphate; found them properly caulked and battened, and cargo in good order under hatches.—Charges \$2.50. Total \$8.50.JOHN WREN,  
*Port Warden.*

Correct statement of all dues collected during the year 1906.—J. W.



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## APPENDIX 35

REPORT OF THE PORT WARDEN AT ANNAPOLIS FOR THE YEAR  
ENDING DECEMBER 31, 1906.

ANNAPOLIS, N.S., December 31, 1906.

F. GOURDEAU, Esq.,  
Deputy Minister of Marine and Fisheries.  
Ottawa.

SIR,—I have the honor to submit my annual report as port warden of this port for the year ending December 31, 1906.

Amount of fees for three surveys . . . . .	\$ 34 00
Paid for assistance . . . . .	10 00
Net revenue . . . . .	\$ 24 00

I am, sir,

Your obedient servant,

SIMON W. RILEY,  
*Port Warden.*

## APPENDIX 36

REPORT OF THE PORT WARDEN AT SYDNEY, N.S., FOR THE YEAR  
ENDING DECEMBER 31, 1906.

SYDNEY, N.S., January 10, 1907.

F. GOURDEAU, Esq.,  
Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—Herewith, I beg to hand you annual report of port warden's record of shipping at International Pier, N.S., for the year ending December 31, 1906.  
All of which is respectfully submitted.

Your obedient servant,

NELSON H. TOWNSEND,  
*Port Warden.*



PORT WARDEN'S RECORD OF SHIPPING,

Date.	Vessel's Name.	Master's Name.	Register Tonnage.	Cargo.
1906.				
May 17.	SS. Arcola .....	Grant .....	1,651	Deals .....
" 22.	Benedick .....	Roberts .....	1,758	" .....
" 24.	Magda .....	Hintske .....	1,506	" .....
" 26.	Bangor .....	Brown .....	2,201	" .....
" 26.	Dora .....	Bennett .....	1,105	" .....
" 29.	Bray Head .....	Pichford .....	2,020	" and grain .....
June 5.	Somerford .....	Henry .....	1,172	" .....
" 8.	Boverie .....	Mathie .....	2,841	Steel rails .....
" 12.	Canada Cape .....	Symons .....	2,794	General .....
" 13.	Linewood .....	Shup .....	1,079	Pitch .....
" 13.	Dunmore Head .....	McFarren .....	1,458	Deals .....
July 3.	Chs. Boro .....	Hille .....	2,788	" .....
" 4.	Melville .....	Jones .....	2,872	General .....
" 13.	Banana .....	Purdon .....	1,801	Coal .....
" 21.	Bangor .....	Brown .....	2,201	Deals .....
Aug 4.	Turret Crown .....	Cavanagh .....	1,141	Steel rails .....
" 10.	Dahomey .....	Dutton .....	1,827	" .....
" 18.	Wyandotte .....	Richards .....	1,712	General .....
" 21.	Coronel .....	Olsen .....	2,668	Deals .....
" 23.	Turret Crown .....	Cavanagh .....	1,141	Rails .....
" 24.	Fernfield .....	Smith .....	2,025	Deals .....
" 30.	Turret Crown .....	Hayton .....	1,326	Steel rails .....
Sept. 5.	Andansi .....	Lamont .....	1,643	Deals .....
" 5.	Bangor .....	Brown .....	2,201	" .....
" 10.	Eastry .....	Horsfals .....	1,924	Phosphate .....
" 11.	Salfordia .....	Shelton .....	2,364	" .....
" 11.	Foo .....	Tufte .....	1,582	Steel rails .....
" 27.	Turret Bell .....	Cavanagh .....	1,376	" .....
Oct. 4.	Correnti .....	Riss .....	1,636	Pitch .....
" 10.	Melville .....	Jones .....	2,872	General .....
" 12.	Egwanga .....	Gibson .....	1,614	Deals .....
" 19.	Puritan .....	James .....	2,628	" and grain .....
" 24.	Laura .....	Rea .....	1,804	Grain .....
" 29.	Bangor .....	Brown .....	2,201	Deals .....
" 31.	Shicklestad .....	Anelsen .....	1,116	Steel rails .....
Nov. 8.	Bergenhuis .....	Kahrs .....	2,344	" .....
" 12.	Jamaica .....	Meyer .....	426	Deals .....
" 22.	Shicklested .....	Axelsen .....	1,116	Pitch .....
" 26.	Oriana .....	Sullivan .....	2,882	General .....
" 26.	Nether Holme .....	Roberts .....	1,285	Deals .....
" 29.	Phonix .....	Larsen .....	1,376	Lumber, hay, &c. ....
" 30.	Andoni .....	Hampson .....	2,034	Deals .....
Dec. 10.	Degama .....	Keene .....	2,245	Coal .....
	Totals .....		79,756	

INTERNATIONAL PIER, SYDNEY, N.S.,  
December 31, 1906.



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INTERNATIONAL PIER, YEAR 1906.

Place from.	Place to.	DRAFT.				Free Board.		Amount.	
		Forward.		Aft.		ft.	in.	\$	cts.
		ft.	in.	ft.	in.				
Pugwash, N. S. ....	Preston, Eng. ....	18	8	18	11	4	8½	8	00
West Bay .....	Cardiff.....	22	4	22	10	5	9	8	00
Quebec, .....	Waterford.....	19	5	20	9	9	9½	8	00
Miramichi.....	Belfast.....	21	10	22	3	10	3¼	8	00
Les Escoumains, Que.....	Gt. Yarmouth.....	17	11	18	0	1	9½	8	00
English Bay.....	Dublin .....	21	2	22	6	6	7	8	00
Cape Tormentine, N.B. ....	Manchester.....	17	2	17	5	3	5	8	00
Sydney, N. S. ....	Seattle, U.S.A. ....	23	8	24	2	5	6½	8	00
Montreal.....	Cape Town, S. A..	23	8	23	8	7	10	8	00
Sydney, N. S. ....	Genoa, Italy.....	Mean draft.				18	9	8	00
Chatham, N. B. ....	Belfast.....	20	11	21	6	2	3½	8	00
Quebec.....	London.....	22	9	22	10	5	9	8	00
Montreal.....	Cape Town, S. A..	22	0	22	8	7	8½	8	00
Sydney, N. S. ....	Vera Cruz .....	22	9	22	9	4	11½	8	00
Miramichi.....	Belfast..	20	7	21	10	10	6½	8	00
Sydney, N. S. ....	Quebec .....	17	10	18	6	8	5½	8	00
" .....	Montreal.....	18	0	18	0	10	0	8	00
Montreal.....	Cape Town, S. A..	18	6	19	2	10	7	8	00
Mersoen, T. E. ....	London.....	Mean draft.				23	6	8	00
Sydney, N. S. ....	Montreal.....	17	11	18	11	8	5½	8	00
Bathurst, N. B.....	Manchester. ....	20	6	21	6	8	0½	8	00
Sydney, N. S. ....	Montreal.....	18	0	19	11	5	1	8	00
Matane, Que.....	Buenos Ayres.....	20	4	20	10	1	11	8	00
Miramichi.....	Dublin.....	20	7	21	6	10	6½	8	00
Fernandina.....	Stettin.....	22	4	22	4	8	11½	8	00
" .....	" .....	22	6	22	4	4	9½	8	00
Sydney, N. S. ....	Montreal.....	21	0	21	0	21	2	8	00
" .....	" .....	20	6	20	6	10	6	8	00
.....	Genoa, Italy.....	Mean draft.				22	0	9	00
.....	Quebec .....	16	3	18	0	13	0	8	00
Campbellton, N. B.....	Cardiff.....	21	0	21	0	2	5	8	00
Quebec.....	London.....	Mean draft.				23	10	8	00
Port Arthur, Texas.....	Antwert.....	19	8	19	8	3	7	8	00
Miramichi.....	Manchester.....	20	2	20	5	11	6¾	8	00
Sydney, N. S. ....	Quebec.....	Mean draft.				18	8	8	00
" .....	" .....	22	0	23	0	5	2	8	00
Chatham, N. B.....	Brow Head.....	Mean draft.				12	0	8	00
Sydney, N. S. ....	Brindisi .....	Mean draft.				18	7	8	00
Montreal.....	Cape Town, S. A..	20	6	22	6	9	11	8	00
Cape Tourmentine, N. B. ....	Brow Head.....	18	6	18	6	3	8½	8	00
Montreal and Gaspé.....	Havana.....	Mean draft.				19	2	8	00
Pugwash, N. J. ....	Manchester.....	18	3	19	0	8	1½	8	00
Sydney, N. S. ....	Vera Cruz .....	23	1	24	5	5	8	8	00
.....	.....							344	00

NELSON H. TOWNSEND,  
Port Warden.



6-7 EDWARD VII., A. 1907

## APPENDIX 37

REPORT OF THE PORT WARDEN OF NANAIMO, B.C., FOR THE YEAR  
ENDING DECEMBER 31, 1906.

NANAIMO, B.C., January 2, 1907.

F. GOURDEAU, Esq.,  
Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—I have the honour to submit my annual report as port warden, for the port of Nanaimo, and Departure bay.

Amount collected during the year 1906, for surveys on vessels, thirty-six dollars. (\$36.00).

I am, sir,

Your obedient servant,

J. L. KNARSTON,  
*Port Warden.*

## APPENDIX 38

REPORT OF THE PORT WARDEN AT WESTPORT FOR THE YEAR  
ENDING DECEMBER 31, 1906.

WESTPORT, January 3, 1907.

One survey on schooner *Shapener Bros.*, stranded on the south-west end of Brier island.

Not seaworthy.....	\$ 10 00
Assistant's fee.....	5 00
	<hr/>
	\$ 15 00

I hereby certify this is a true and correct statement of all dues collected by me as port warden for the year 1906.

(Signed) GEO. WELCH,  
*Port Warden.*

In the presence of,  
E. C. BOWERS, N.P.



APPENDIX 39

REPORT OF THE PORT WARDEN AT VANCOUVER, B.C., FOR THE YEAR  
ENDING DECEMBER 31, 1906.

VANCOUVER, B.C., January 6, 1907.

F. GOURDEAU, Esq.,  
Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—I have the honour of submitting to you my annual report as port warden of the port of Vancouver, B.C., ending December 31, 1906.  
Amount of fees received for surveys of hatches and cargoes, \$684.

I have the honour to be, sir,  
Your obedient servant,

MALCOLM McLEOD,  
*Port Warden.*

APPEND X 40

REPORT OF THE PORT WARDEN AT NORTH SYDNEY, N.S., FOR THE YEAR  
ENDING DECEMBER 31, 1906.

NORTH SYDNEY, December 31, 1906.

To the Department of Marine and Fisheries,  
Ottawa.

Feb. 11.—	Surveys,	Schooner <i>Laura Cox</i> . . . . .	\$ 10 00
Mar. 28.—	"	SS. <i>Duncan</i> . . . . .	10 00
May 28.—	"	Schooner <i>Agility</i> . . . . .	8 00
" 29.—	"	SS. <i>Bray Head</i> . . . . .	10 00
July 23.—	"	SS. <i>Yanariva</i> . . . . .	13 00
" 24.—	"	Schooner <i>Lewis</i> . . . . .	13 00
Oct. 3.—	"	<i>P. J. Bertram</i> . . . . .	13 00
Oct. 5.—	"	SS. <i>Universe</i> . . . . .	16 00
Nov. 6.—	"	SS. <i>Egholm</i> . . . . .	16 00
			<hr/>
			\$ 109 00

W. H. KELLY,  
*Port Warden.*



APPENDIX 41

REPORT OF THE PORT WARDEN AT VICTORIA, B.C., FOR THE YEAR  
ENDING DECEMBER 31, 1906.

VICTORIA, B.C., January 7, 1907.

The Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—I have the honour of submitting my report as port warden for the ports of  
Victoria and Esquimalt, B.C., for the year ending December 31, 1906.

Amount of fees received for surveys on the hatches of 28	
vessels . . . . .	\$140 00
Amount received for surveys on cargoes, &c. . . . .	353 50
	<hr/>
Total amount of fees received . . . . .	\$ 493 50
	<hr/>

I have the honour to be, sir,

Your obedient servant,

CHAS. E. CLARKE,  
*Port Warden.*



SESSIONAL PAPER No. 23

## APPENDIX 42

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING Vessels during the year ended June 30, 1906.

Number of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was passed.	Fee.
	1905.					\$ cts.
4824	July 7..	Frank Marshall.. . . . .	Master..	Rat Portage, Ont.. . . . .	Rat Portage, Ont....	15 00
4825	" 7..	Samuel Parsons... . . . .	" . . .	Selkirk, Man. . . . .	" " . . .	15 00
4826	" 7..	Fred. Wagner.... . . . .	" . . .	Rat Portage, Ont.....	" " . . .	15 00
4827	" 7..	Archie McKinnon.. . . . .	" . . .	Owen Sound, Ont.....	St. Catharines, Ont..	15 00
4828	" 7..	Wm. J. Minor . . . . .	" . . .	Port Colborne, Ont. . . . .	" " . . .	15 00
4829	" 7..	John McLeod . . . . .	" . . .	Courtright, Ont. . . . .	" " . . .	15 00
4830	" 7..	William Smith . . . . .	Mate . . .	Dartmouth. . . . .	Halifax, N.S.....	6 00
4831	" 7..	Frederick L. Corey. . . . .	" . . .	Gagetown, N.B. . . . .	St. John, N.B.....	6 00
4832	" 7..	Joseph Simard . . . . .	Master....	Roberval, P.Q. . . . .	Quebec.....	15 00
4833	" 7..	James McLeod . . . . .	" . . .	Vancouver, B.C. . . . .	Vancouver, B.C. . . .	15 00
4834	" 7..	Thomas D. Coldicutt . . . . .	Mate.....	New Westminster, B.C..	" . . . .	6 00
4835	" 7..	Roderick McRitchie....	Master....	Winnipeg, Man. . . . .	Kenora, Ont. . . . .	15 00
4836	" 7..	William Williams . . . . .	" . . .	Kenora, Ont. . . . .	" . . . .	15 00
4837	" 10..	John Matheson . . . . .	" . . .	" . . . .	" . . . .	15 00
4838	" 10..	David F. Wright.. . . . .	" . . .	Bobcaygeon, Ont.. . . .	Kingston, Ont.....	15 00
4839	" 10..	James M. Wright . . . . .	Mate.....	" " . . . .	" . . . .	6 00
4840	" 10..	David Ferguson . . . . .	" . . .	Perth, Ont. . . . .	" . . . .	6 00
4841	" 10..	Andrew Baird . . . . .	" . . .	Toronto, Ont. . . . .	St. Catharines, Ont..	6 00
4842	" 10..	Peter Vivlich . . . . .	Master....	Port Guichon. . . . .	Vancouver, B.C. . .	15 00
4843	" 10..	Arthur Jefferys . . . . .	Mate. . .	Brantford, Ont. . . . .	St. Catharines, Ont..	6 00
4844	" 11..	Louis Marcil . . . . .	Master....	South Lancaster, Ont....	Ottawa, Ont.....	15 00
4845	" 14..	Joseph Bernier . . . . .	" . . .	Quebec, P.Q. . . . .	Quebec.....	15 00
4846	" 19..	Wilfred Lockhart. . . . .	" . . .	Hantsport, N.S. . . . .	Yarmouth, N.S.....	15 00
4847	" 19..	Cecil Alfred Whitaker . . . . .	" . . .	Sechelt, B.C. . . . .	Vancouver, B.C. . .	15 00
4848	" 19..	William John Tigett . . . . .	" . . .	Barrow Bay, Ont. . . . .	St. Catharines, Ont..	15 00
4849	" 19..	Frank Edgar Smith....	Mate.....	Cape Negro, N.S. . . . .	Yarmouth, N.S.....	6 00
4850	" 19..	Ernest Wills . . . . .	Master....	Pictou, N.S. . . . .	Sydney, N.S. . . . .	15 00
4851	" 19..	Abram W. Peitzsch. . . . .	" . . .	Halifax, N.S. . . . .	Halifax, N.S.....	15 00
4852	" 19..	George R. Ferry.. . . .	Mate. . .	Victoria, B.C. . . . .	Victoria, B.C. . . . .	6 00
4853	" 19..	George Roussel Noice. . . . .	Master....	New Westminster, B.C..	Vancouver, B.C. . .	15 00
4854	" 19..	George Howard Smith. . . . .	" . . .	Port La Tour, N.S. . . . .	Halifax, N.S.....	15 00
4855	" 19..	Peter Embree . . . . .	Mate.....	Port Hawkesbury, N.S..	Sydney, C.B., N.S..	6 50
4856	" 19..	Chas. Wm. Rockwell....	Master....	River Herbert, N.S. . . . .	St. John, N.B.....	7 00
4857	" 22..	Benjamin G. Harper . . . . .	" . . .	Oak Bay, P.Q. . . . .	Campbellton, N.B. . .	15 00
4858	" 22..	Wm. Friday . . . . .	" . . .	Tamagami, Ont. . . . .	Ottawa, Ont.....	15 00
4859	" 22..	Joseph A. Turner. . . . .	" . . .	" . . . .	" . . . .	15 00
4860	" 22..	Joseph Neil Perron. . . . .	" . . .	" . . . .	" . . . .	15 00
4861	" 22..	Herbert A. Duncan. . . . .	" . . .	Marksville, Ont. . . . .	St. Catharines, Ont..	15 00
4862	" 22..	Cyril J. E. House . . . . .	" . . .	Vancouver, B.C. . . . .	Vancouver, B.C.....	15 00
4863	" 22..	Robert Brown . . . . .	" . . .	South Vancouver, B.C. . .	" . . . .	15 00
4864	" 22..	Frederick Thos. Roberts. . . . .	" . . .	Vancouver, B.C. . . . .	" . . . .	15 00
4865	" 26..	Edwin Learoux Dav s.. . . . .	" . . .	Fort Frances, Ont. . . . .	Fort Frances, Ont. .	15 00
4866	" 26..	Jos. Simon Villeneuve..	" . . .	Kenora, Ont. . . . .	Kenora, Ont.....	15 00
4867	" 26..	Frederick John Brown..	Mate.....	Vancouver, B.C. . . . .	Vancouver, B.C. . .	6 00
4868	" 27..	Simeon Neiforth.. . . .	Master....	Prescott, Ont. . . . .	Ottawa, Ont.....	15 00
4869	" 27..	Charles W. Clark . . . . .	" . . .	Sturgeon Falls, Ont. . . . .	" . . . .	15 00
4870	Aug. 2..	William Jas. Patience . . . . .	Mate.....	Vancouver, B.C. . . . .	Vancouver, B.C. . .	6 00
4871	" 2..	Williem Jas. Patience . . . . .	Master....	" . . . .	" . . . .	15 00
4872	" 2..	John Ashley Clark . . . . .	" . . .	Sturgeon Falls. . . . .	Sturgeon Falls.....	15 00
4873	" 2..	Wm N. Simpson. . . . .	" . . .	Vancouver, B.C. . . . .	Vancouver, B.C. . .	15 00
4874	" 2..	Richard Jones . . . . .	" . . .	" . . . .	" . . . .	15 00
4875	" 9..	Thomas Montgomery....	Mate....	Victoria, B.C. . . . .	Victoria, B.C.....	6 00
4876	" 9..	Edward Walter Gray. . . . .	" . . .	" . . . .	" . . . .	6 00
4877	" 9..	Willis Balcom . . . . .	" . . .	" . . . .	" . . . .	6 00
4878	" 9..	Willis Balcom . . . . .	Master....	" . . . .	" . . . .	15 00



LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING Vessels during the year ended June 30, 1906—Continued.

Number of Certificate.	Date of Certificate.	Name.	Grade.	Address	Where Examination was passed.	Fee.
	1905.					\$ cts.
4879	Aug. 9..	Joshua Kake.....	Master..	Gravenhurst, Ont. ....	St. Catharines, Ont..	15 00
4880	" 9..	James F. Leeder.....	Mate.....	Bracebridge, Ont	" "	6 00
4881	" 9..	David Reid.....	Master..	Alma, Albert Co., N.B..	St. John, N.B. .	15 00
4882	" 22..	Andrew McCleod.....	"	Owen, Sound, Ont .....	St. Catharines, Ont..	15 00
4883	" 22..	Almon Dickson.....	"	Glace Bay, N.S.....	Sydney, N.S.....	15 00
4884	" 22..	James D. Montgomery..	Mate.....	Collingwood, Ont. ....	St. Catharines, Ont..	6 00
4885	" 22..	Cora Hart.. .....	"	Cornwall, Ont.....	Kingston, Ont.....	6 00
4886	" 24..	Jos. Edward Masters. .	Master..	Niagara, Ont .. .....	St. Catharines, Ont..	15 00
4887	" 24..	John Cockle.....	"	Vancouver, B.C. . . .	Vancouver, B.C.....	15 00
4888	" 24..	John Cockle.....	Mate.....	"	"	6 00
4889	" 24..	John Edwin Woodworth	Master..	Bear River.....	St. John, N.B. . .	15 00
4890	Sept. 6..	William A. Simpson....	Master..	Lower Neguac, N.B....	New Bastle, N.B....	15 00
4891	" 6..	Joseph Davison Weir. .	"	Cushing, Que .....	Ottawa, Ont.....	15 00
4892	" 6..	Alfred Zetterman. . .	"	Vancouver, B.C.....	Vancouver, B.C.....	15 00
4893	" 6..	Ferdinand Simard.....	"	Ste Anné de Chicoutimi..	Quebec. ....	15 00
4894	" 6..	William Page.....	Mate.....	Sarnia, Ont.....	St. Catharines, Ont..	6 00
4895	" 6..	Frederick Charles Lord.	Master..	Deer Island, N.B. ....	St. John, N.B.....	15 00
4896	" 6..	William Edward Gunn..	"	Moncton, N.B. ....	"	15 00
4897	" 16..	Hiram Edward Hilton. .	"	Petite Riviere, N.S. ....	Halifax, N.S.. . .	15 00
4898	" 16..	Charles Simard.....	"	Grande Baie, P.Q.....	Quebec. ....	15 00
4899	" 16..	Wm. L. Gilchrist.....	"	New Westminster, B.C..	Victoria, B.C.. .	15 00
4900	" 16..	Alphonse Hoffman.. .	Mate.....	Berthier en bas, Que.. .	Quebec. ....	6 00
4901	" 19..	Herbert Whitaker.....	Master..	Sechelt, B.C.....	Vancouver, B.C.....	15 00
4902	" 19..	Charles Roussain.....	Mate.....	Point Mamoinse, Ont....	St. Catharines, Ont..	6 00
4903	" 26..	Harry Robert Muir . . .	Master..	Shelburne, N.S.....	Yarmouth, N.S.....	15 00
4904	" 27..	Douglas Gates.....	"	Craigmore, Ont. ....	Barry's Bay, Ont. .	15 00
4905	" 27..	Flor'ce McCarthy Burns.	"	Temiskaming, Que.....	Temiskaming, Que..	15 00
4906	Oct. 2..	Arch Joseph Buchanan.	Mate.....	Windsor, Ont.....	Kingston, Ont	6 00
4907	" 2..	Saml. Jeremiah Delaney.	"	Prescott, Ont. ....	"	6 00
4908	" 3..	Ferdinand Fecteau. . .	Master..	St. Antoine, Que. . . .	Ottawa, Ont.....	5 00
4909	" 3..	Alphonse Martel.....	Mate.....	St. Croix, Que.....	Quebec. ....	6 00
4910	" 3..	William Ludlow.....	Master..	Vancouver, B.C.....	Vancouver, B.C.....	15 00
4911	" 3..	Robert Barron . . . .	Mate.....	"	"	6 00
4912	" 3..	Wm. Thomas Pidcock .	Master..	Quathiaski Cove, B.C.. .	"	15 00
4913	" 10..	Fred. Arthur Nandway.	Mate.....	Toronto, Ont. ....	St. Catharines, Ont..	6 00
4914	" 11..	George Bergeron.. . .	Master..	St. Catharines Sag., P.Q	Quebec. ....	15 00
4915	" 11..	Alfred Croucher.....	"	Port Carling, Ont.....	St. Catharines, Ont..	15 00
4916	" 11..	Andreas Christinsen....	"	Tadousac, Que .....	Quebec. ....	15 00
4917	" 11..	Earl Alward Hatfield...	"	Port Greville, N.S.....	St. John, N.B.....	15 00
4918	" 11..	David A. Williams.....	"	Sault Ste Marie, Ont. . .	St. Catharines, Ont..	15 00
4919	" 16..	James Warner.....	"	Lisheard, Ont.....	Liskeard, Ont.....	15 00
4920	" 16..	George J. Carter. ....	"	Sarnia, Ont.....	St. Catharines, Ont..	15 00
4921	" 20..	Stewart Bain English...	Mate.....	Little Current, Ont.....	" "	6 00
4922	" 23..	Frederick Paul Hobson..	Master..	Edmonton, Alta.....	Edmonton, Alberta..	15 00
4923	" 23..	Thomas Robinson . . .	"	Kenora, Ont.....	Kenora, Ont.....	15 00
1906.						
4924	Mar. 29..	Arthur A. Ganong.....	Mate.....	Cedars, K. Co., N.B.....	St. John, N.B.....	6 00
1905.						
4925	Nov. 3..	Luke Mallon.....	Master..	Cardinal, Ont. . . . .	Kingston, Ont.. . .	15 00
4926	" 3..	Albert Allen. ....	"	Parrsboro, Ont.....	St. John, N.B.....	15 00
4927	" 3..	Abraham Heino. ....	"	Vancouver, B.C.....	Vancouver, B.C.....	15 00
4928	" 3..	Onesime Harvey. ....	"	Granby Bay, Que. ....	Quebec.....	15 00
4929	" 14..	Basil Kelly.....	"	Summerville, P.E.I. . .	St. John, N.B. ....	15 00
4930	" 15..	Simeon Coolen. ....	"	Vancouver, B.C.....	Vancouver, BC.....	15 00
4931	" 15..	Simeon Coolen.....	Mate.....	"	"	6 00
4932	" 16..	George Stanley Harris..	Master..	Pender Isl'd Sawmill, B.C	"	15 00
4933	" 16..	Herbert Lockley Jones..	Mate.....	Victoria, BC.. . . .	"	6 00
4934	" 16..	Herbert Lockley Jones..	Master..	"	"	15 00
4935	" 16..	Herbert Charles Crabbe.	Mate.....	Browns Flats, King's Co., N.B.....	St. John, N.B. ....	6 00



## SESSIONAL PAPER No. 23

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING Vessels during the year ended June 30, 1906—*Continued.*

Number of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was passed.	Fee.
	1905.					\$ cts.
4936	Nov. 16..	Anthony Oliver.....	Master....	Vancouver, B.C.....	Vancouver, B.C.....	15 00
4337	" 16..	Jos. Lazard Desire Morin	Mate.....	St. Marcel, P.Q.....	Quebec.....	6 00
4938	" 16..	Emil Johnson.....	Master....	New Westminster, B.C..	Vancouver, B.C.....	15 00
4939	" 20..	John S. Cooper.....	"	Wine Harbour, N.S.....	Sydney, C.B.....	15 00
4940	" 20..	Horatio Bayard McKill.	"	St. John, N.B.....	St. John, N.B.....	15 00
4941	Dec. 7..	Benjamin Leveque.....	"	Chicoutimi, P.Q.....	Quebec.....	15 00
4942	" 7..	Hozanna Labreque....	"	Lanoraie, Que.....	"	15 00
4943	" 4..	Charles O. Wilson.....	"	Barrington, N.S.....	Yarmouth, N.S.....	15 00
4944	" 4..	William A. Burritt.....	"	Temagami, Ont.....	Ottawa, Ont.....	15 00
4945	" 9..	Joseph Ouellette.....	"	Penetanguishene, Ont..	St. Catharines, Ont..	15 00
4946	" 9..	Edmund Kinnie.....	"	Riverside, A. Co., N.B..	St. John, N.B.....	15 00
4947	" 9..	Alex. Henderson.....	"	Vancouver, B.C.....	Vancouver, B.C.....	15 00
4948	" 11..	Wm. Smith.....	"	Dartmouth, N.S.....	Halifax, N.S.....	15 00
4949	" 11..	George W. Nass.....	"	Lunenburg, N.S.....	Lunenburg, N.S.....	15 00
4950	" 11..	George A. Murley.....	"	Halifax, N.S.....	Halifax, N.S.....	15 00
4951	" 11..	John Cecil Larder.....	"	Chester, N.S.....	"	15 00
4952	" 13..	William Lowe.....	"	Blind River, Ont.....	Cutler, Ont.....	15 00
4853	" 14..	Herbert Charles Minett.	"	Muskoka, Ont.....	St. Catharines, Ont..	15 00
4954	" 22..	James Alexander Croll..	"	New Westminster, B.C..	Vancouver, B.C.....	15 00
4955	" 22..	Thomas Montgomery....	"	Victoria, B.C.....	Victoria, B.C.....	15 00
4956	" 30..	Cyrus W. Parks.....	Master....	Parks Creek, N.S.....	Lunenburg, N.S.....	15 00
4957	" 30..	Caleb Read.....	"	Rockport, N.B.....	St. John, N.B.....	15 00
4958	" 30..	Malcom McInnis.....	"	Lucknow, Ont.....	St. Catharines, Ont..	15 00
4959	" 30..	George Gilbert Child...	Mate.....	Toronto, Ont.....	"	6 00
4960	" 30..	John Foster.....	"	Sarnia, Ont.....	"	6 00
4961	" 30..	E. Percy Shepherd.....	Master....	Riceville, Ont.....	Ottawa, Ont.....	15 00
	1906.					
4962	Jan. 4..	Joseph A. Toupin.....	Mate.....	Montreal, Que.....	St. Catharines, Ont..	6 00
4963	" 4..	David Andrews.....	Master....	Red Bay, Ont.....	"	15 00
4964	" 9..	James Quinn.....	"	Oakville, Ont.....	"	15 00
4965	" 10..	James Combe.....	"	Port Robinson, Ont.....	"	15 00
4966	" 10..	Freeman A. Ley.....	Mate.....	Louisburg, C.B.....	Sydney, C.B.....	6 00
4967	" 10..	Angus Edmund Pink....	"	Berriedale, Ont.....	St. Catharines, Ont..	6 00
4968	" 15..	Anthony Campbell.....	Master....	Halifax, N.S.....	Sydney, Ont.....	15 00
4969	" 15..	Silas H. Ormiston.....	"	Victoria, B.C.....	Victoria, B.C.....	15 00
4970	" 15..	Alexander Noble.....	"	Port Essington, B.C....	"	15 00
4971	" 15..	John James Moulton.....	Mate.....	Pictou, N.S.....	Sydney, N.S.....	15 00
4972	" 15..	Thos. Henry Boudrot....	Master....	West Arichat, N.S.....	"	15 00
4973	" 15..	William Cowley.....	"	Dawson, Y.T.....	Victoria, B.C.....	15 00
4974	" 15..	William Cowley.....	"	"	"	15 00
4975	" 15..	Donald McPherson.....	Master....	Victoria, B.C.....	"	7 50
4976	" 15..	Mathias Mathiesen....	Mate.....	Ladysmith, B.C.....	"	6 00
4977	" 18..	Thomas Girard.....	Master....	Matane, P.Q.....	Quebec.....	15 00
4978	" 18..	Frank Robinson.....	"	New Westminster, B.C..	Vancouver, B.C.....	15 00
4979	" 19..	Edward F. Ives.....	Mate.....	Teamington, Ont.....	St. Catharines, Ont..	6 00
4980	" 19..	Oscar Leblanc.....	Master....	St. Zotique, Que.....	Kingston, Ont.....	15 00
4981	" 19..	Joseph James Murray...	Mate.....	Kingston, Ont.....	"	6 00
4982	" 22..	Oswald Mosely.....	Master....	Vancouver, B.C.....	Vancouver, B.C.....	15 00
4983	" 24..	Peter McKay.....	"	Owen Sound.....	Kingston, Ont.....	15 00
4984	Feb. 12..	Nils Sture Nilsson.....	"	Vancouver, B.C.....	Vancouver, B.C.....	15 00
4985	" 12..	Frederick L. Nickerson.	Mate.....	Port Clyde, N.S.....	Yarmouth, N.S.....	6 00
4986	" 12..	John W. Rafuse.....	Master....	Liverpool, N.S.....	Sydney, N.S.....	15 00
4987	" 12..	David Farquharson.....	"	Arnprior, Ont.....	Ottawa, Ont.....	15 00
4988	" 12..	Charles Henry Rush.....	"	St. Mary Ferry, N.B....	St. John, N.B.....	15 00
4989	" 12..	Edward Priddle.....	"	St. John, N.B.....	St. John.....	15 00
4990	" 12..	Cyrielle Martel.....	Mate.....	St. Croix, P.Q.....	Quebec.....	6 00
4991	" 12..	Azade Arsenault.....	Master....	St. Roch, Quebec.....	"	15 00
4992	" 12..	John F. Kingston.....	"	Port Colborne.....	Port Colborne.....	15 00
4993	" 12..	Thomas H. Johnston.....	Mate.....	Port Dalhousie.....	"	6 00
4994	" 12..	Arthur Cecil Good.....	"	Vancouver, B.C.....	Vancouver, B.C.....	6 00
4995	" 12..	George Fleming.....	"	Port Clyde, N.S.....	Yarmouth, N.S.....	6 00
4996	" 12..	Abbot Beck.....	"	Lunenburg, N.S.....	Lunenburg, N.S.....	8 00



6-7 EDWARD VII., A. 1907

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING Vessels, during year ended June 30, 1906—*Continued.*

Number of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was passed.	Fee.
	1906.					\$ cts.
4997	Feb. 12.	Eugène LaRochelle.....	Mate.....	St. Michel, P.Q.....	Quebec.....	6 00
4998	" 12.	Eber E. Gerhardt ..	Master....	Middle LaHave, N.S. .	Lunenburg, N.S....	15 00
4999	" 12.	Arlington G. Dixon....	" ..	Hopewell Cape, N.B....	St. John, N.B. ...	15 00
5000	" 12.	Cornelins Sughme .....	Mate. .	Kingston, Ont.....	Kingston, Ont.....	6 00
5001	" 12.	Henry Winters .....	Master....	Lunenburg, N.S.....	Lunenburg, N.S....	15 00
5002	" 12.	Everett D. Cann.....	" ..	Sydney, N.S. ....	Sydney, N.S.....	15 00
5003	" 12.	Arthur Sweeney.....	Mate.....	Yarmouth, N.S.....	Yarmouth, N.S....	6 00
5004	" 17.	Frank Allen McMann..	" ..	Thorold, Ont. ....	Port Colborne, Ont..	6 00
5005	" 17.	Thomas John Craig....	Master....	Portsmouth, Ont.....	St. John, N.B.....	15 00
5006	" 17.	Allison Hutchinson....	" ..	Rexton, N.B.....	Halifax, N.S.....	15 00
5007	" 17.	John Nauffts.....	" ..	Guysboro, N.S.....	" ..	15 00
5008	" 17.	William J. Borgal .....	" ..	Pleasant Har., N.S. ....	" ..	15 00
5009	" 17.	John C. McDonald .....	Mate.....	Cordigan, P.E.I.....	Charlottetown, P.E.I.	8 00
5010	March 1.	Newton Albert Wilkie..	Master....	Middle LaHave, N.S....	St. John, N.B. .	15 00
5011	" 1.	Charles McDermant....	" ..	Fort William, Ont.....	St. Catharines.....	15 50
5012	" 1.	Malcolm Stalker....	Mate. .	Penetanguishene, Ont...	" ..	6 00
5013	" 1.	Edgar A. G. Walton....	Master....	Maganetawan, Ont.....	" ..	15 00
5014	" 1.	Thos. W. T. McCarthy..	" ..	Goderich, Ont. ....	" ..	15 00
5015	" 1.	Samuel Henry Balcom..	Mate.....	Victoria, B.C.....	Victoria, B.C. ...	6 00
5016	" 1.	Samuel Henry Balcom..	Master....	" ..	" ..	15 00
5017	" 2.	Joseph Cardin.....	" ..	Sorel, P.Q. ....	Sorel, P.Q.....	15 00
5018	" 2.	Napoleon Mongeau.....	" ..	" ..	" ..	15 00
5019	" 2.	Simon Brake.....	" ..	Louisburg, C.B.....	Sydney, N.S.....	15 00
5020	" 2.	Auguste Laviolette..	" ..	St. Ours, C.B.....	Montreal, P.Q.....	15 00
5021	" 2.	Alexander Dickson..	" ..	Halifax, N.S. ....	St. John, N.B.....	15 00
5022	" 2.	Simeon Martel.....	Mate.....	St. Croix, Que .....	Quebec.....	6 00
5023	" 9.	William B. Sifton .....	Master..	Winnipegosis, Man..	Winnipegosis, Man..	15 00
5024	" 9.	Edward Moore.....	" ..	Louisburg, N. S.....	Sydney, N.S.....	15 00
5025	" 9.	John E. Smith.....	" ..	Winnipegosis, Man..	Winnipegosis, Man..	15 00
5026	" 9.	Donald Graham.....	" ..	" ..	" ..	15 00
5027	" 12.	Edward Wallace Hickey	" ..	North Sydney, C.B., N.S.	N. Sydney, C.B., N.S.	15 00
5028	" 12.	Ernest Caron .....	Mate....	St. Islet, P.Q. ....	Quebec.....	6 00
5029	" 12.	Frank Lawrence....	Master....	Kingston, Ont.....	Kingston, Ont.....	15 00
5030	" 12.	John Nicholson .....	Mate.....	Goderich, Ont. ....	St. Catharines, Ont..	6 00
5031	" 29.	William E. B. Ferris...	Master....	St. John, N.B.....	St. John, N.B. ....	15 00
5032	" 29.	Frank Whynacht.....	" ..	Blue Rocks, N.S.....	Lunenburg, N.S....	15 00
5033	" 29.	Johnny Paquette.....	" ..	Champlain, P.Q.....	Quebec.....	15 00
5034	" 29.	John Pascal Douglas...	" ..	New Westminster, B.C..	Vancouver, B.C....	15 00
5035	" 29.	Alexander MacRae.....	" ..	Vancouver, B.C.....	" ..	15 00
5036	" 29.	John Thomas Elworthy.	" ..	Halifax, N.S.....	Halifax, N.S.....	15 00
5037	" 29.	Michael Kane.....	Mate. .	Mainadieu, C.B.....	" ..	6 00
5038	" 29.	William Brazier Spragg.	Master....	Springfield, N.B.....	St. John, N.B....	15 00
5039	" 29.	Paul Joseph Cooper....	" ..	Wine Harbour, N.S. ....	Halifax, N.S.....	15 00
5040	" 29.	Wesley Brooker .....	" ..	Portland, Ont.....	Ottawa, Ont.....	15 00
5041	" 29.	Harry J. Butterfield....	" ..	New Westminster, B.C..	Vancouver, B.C....	15 00
5042	" 29.	Jacob Bowman Singleton	Mate. .	Vancouver, B.C.....	" ..	6 00
5043	" 29.	Frank Arthur Cook....	Master....	Montreal, Que .....	Montreal, Que... .	15 00
5044	" 29.	Moses Conrad Miller...	" ..	Cumberland Bay, Q. Co.	St. John, N.B. ....	15 00
5045	" 29.	Thomas Alfred Smith...	" ..	Vancouver, B.C.....	Vancouver, B.C....	15 00
5046	" 29.	Andrew Halcrow.....	" ..	New Westminster, B.C..	" ..	15 00
5047	" 29.	Walter Sinclair Campbell	Mate. .	Owen Sound, Ont.....	Kingston, Ont.....	6 00
5048	" 29.	Arthur Black.....	Master....	Prescott, Ont.....	" ..	15 00
5049	" 29.	Alex. John McIntyre...	" ..	Chatham, N.B....	St. John, N.B. ....	15 00
5050	" 29.	J. Thos. Murray Barry..	" ..	Morrisburg, Ont.....	Kingston, Ont.....	15 00
5051	" 29.	John Thomas Brooks...	Mate....	Lindsay, Ont. ....	" ..	6 00
5052	" 29.	Thorvald Aaroe .....	Master....	Vancouver, B.C.....	Vancouver, B.C....	15 00
5053	" 29.	James Craig.....	Mate.....	" ..	" ..	6 00
5054	" 29.	Charles Wm. Copley....	Master....	Ottawa, Ont. ....	Ottawa, Ont.....	15 00
5055	" 29.	Robert Henry Jewell..	" ..	Gore Bay, Ont.....	Cutler, Ont. ....	15 00
5056	" 29.	Eug. Danien Boulanger.	" ..	Montmagny, Que.....	Quebec.....	15 00
5057	" 29.	Rasmies Johnson.....	" ..	Vancouver, B.C.....	Vancouver, B.C....	15 00
5058	" 29.	Angus McDonald.....	" ..	Goderich, Ont.....	St. Catharines, Ont.	15 00
5059	" 29.	William White.....	" ..	Midland.....	" ..	15 00
5060	" 29.	Albin Hendrickson.....	" ..	Ladysmith, B.C. ....	Victoria, B.C.....	15 00



## SESSIONAL PAPER No. 23

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING Vessels during the year ended June 30, 1905—*Continued.*

Number of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was passed.	Fee.
	1906.					\$ cts.
5061	Mar. 29..	Carl John Victor Gullin.	Master...	Victoria, B.C.....	Victoria, B.C.....	15 00
5062	" 29..	Albert Robinson.....	"	Kenora, Ont.....	Kenora.....	15 00
5063	" 29..	Nils Sture Nilsson.....	Mate....	Vancouver, B.C.....	Vancouver, B.C.....	6 00
5064	" 29..	Luther Cleveland Martin	Master...	Hopewell Cape, N.B....	St. John, N.B.....	15 00
5065	" 29..	Arthur W. Hickey.....	"	North Sydney, N.S....	North Sydney, N.S.	15 00
5066	" 29..	Frederick William.....	Mate....	Rockport, Ont.....	Kingston, Ont.....	6 00
5067	" 29..	Daniel Smith.....	Master...	Washburn, Ont.....	" ".....	15 00
5068	" 29..	Arthur Miller Hartwell	"	Newboro, Ont.....	" ".....	15 00
5069	" 29..	John Fred'k. Chapman	"	Halifax, N.S.....	Halifax, N.S.....	15 00
5070	" 29..	Edward Muir.....	"	Kingston, Ont.....	Kingston, wnt.....	15 00
5071	" 29..	Isiah Mitchell.....	"	Halifax, N.S.....	Halifax, N.S.....	15 00
5072	" 29..	Robert Chamberlain....	Master...	Mount Pleasant, Van..	Vancouver, B.C....	15 00
5073	" 29..	Joseph Gauthier.....	Mate....	St. Irénée, Que.....	Quebec.....	6 00
5074	" 29..	Hec. Calvin Mawdesley.	Master...	Thorold, Ont.....	Kingston, Ont.....	15 00
5075	April 4..	William A. Murphy.....	"	Sheet Harbour, N.S....	Halifax, N.S.....	15 00
5076	" 4..	Donald Gillis.....	"	Port Hawkesbury.....	North Sydney.....	15 00
5077	" 4..	Joseph Simon Villeneuve	"	Kenora, Ont.....	Kenora, Ont.....	15 00
5078	" 4..	Jac. Bowman Singleton.	"	Vancouver, B.C.....	Vancouver, B.C....	15 00
5079	" 11..	Clarence McG. Roberts.	"	Parrsboro, N.S.....	Yarmouth, N.S.....	15 00
5080	" 11..	Peter McIntosh (Jr.)..	"	French River, Ont.....	Kingston, Ont.....	15 00
5081	" 11..	Victorien Belanger..	"	Lotbiniere, Que.....	Quebec.....	15 00
5082	" 11..	Harvey Randall.....	"	Parrsboro, N.S.....	Yarmouth, N.S.....	15 00
5083	" 11..	Jas. Edward Fitzgerald.	"	Main St., St. John, N.B.	St. John, N.B.....	15 00
5084	" 11..	Lambert Pilon.....	"	Grenville, Ont.....	Ottawa, Ont.....	5 00
5085	" 11..	James Fitzgerald..	"	Main St., St. John, N.B.	St. John, NB.....	15 00
5086	" 11..	John Robert Maclean...	"	Parish of Hardwick, N.B.	New Castle, B....	15 00
5087	" 11..	Allan McDonald.....	Mate....	Wolfe Island, Ont.....	Kingston, Ont.....	6 00
5088	" 17..	Zéphirin Grenier.....	Master...	St. Henri, P.Q.....	Montreal.....	15 00
5089	" 17..	Frank Gustafson.....	"	Kenora, Ont.....	Kenora, Ont.....	15 00
5090	" 17..	Andrew Slater.....	"	Victoria, B.C.....	Victoria, B.C.....	15 00
5091	" 17..	William Henry Travis..	"	".....	".....	15 00
5092	" 17..	John Hare.....	"	Halifax.....	Halifax, N.S.....	6 00
5093	" 17..	James Hugh McDonell..	"	Kenora, Ont.....	Kenora, Ont.....	15 00
5094	" 17..	Alex. Thos. McAllister..	"	Gagetown, N. B.....	St. John, N.B.....	15 00
5095	" 24..	Danat Laroche.....	Mate....	Sorel, P.Q.....	Kingston, Ont.....	6 00
5096	" 24..	Joseph Henling.....	"	South Westminster, B.C.	Vancouver, B.C....	6 00
5097	" 24..	Jean-Baptiste Coderre...	Master...	Lanoraie, P.Q.....	Quebec.....	15 00
5098	" 24..	John McNulty.....	"	St. John, N.B.....	St. John, N.B.....	15 00
5099	" 24..	Wm. Schade.....	"	Sault St. Marie, Ont....	St. Catherines.....	15 00
6000	" 24..	Alfred Romkey.....	"	Lower La Have, N.S....	Lunenburg, N.S....	15 00
6001	" 24..	Jesse H. MacNeil.....	"	St. John, North End, N.B.	Fredericton, N.B..	15 00
6002	" 24..	Joseph Tessier.....	Mate....	Pembroke, Ont.....	Ottawa, Ont.....	6 00
6003	" 30..	Alfred Lacouvé.....	Master..	Gaspé, P.Q.....	Quebec.....	15 00
6004	" 30..	Daniel M. McDonald...	"	S. Gut Victoria Co., N.S.	North Sydney, N.S.	15 00
6005	" 30..	Robert Ernest Giggey...	Mate....	Milledgeville, St. J. N.B.	St. John, N.B.....	6 00
6006	" 30..	James Edward Hatt.....	Master...	Hud Bay, B.C.....	Vancouver, B.C....	15 00
6007	" 30..	William Main.....	"	Vancouver, B.C.....	".....	15 00
6008	May, 2..	Andrew McCarthy.....	"	".....	".....	15 00
6009	" 3..	Albert Beaudry.....	"	Sorel, P.Q.....	Sorel, P.Q.....	15 00
6010	" 3..	Ulric Latraverse..	"	St. Anne de Sorel, P.Q..	".....	15 00
6011	" 7..	Timothé Sullivan.....	"	Toronto, Ont.....	Kingston, Ont.....	15 00
6012	" 7..	Joseph Buckley Scott...	"	Guysboro, N.S.....	North Sydney, N.S..	15 00
6013	" 7..	Samuel Craig.....	"	Port Arthur, Ont....	Port Arthur, Ont...	15 00
6014	" 7..	Allan Shelden Nuttall..	"	".....	".....	15 00
6015	" 7..	Joseph W. Johnson.....	"	Kenora, Ont.....	Kenora, Ont.....	15 00
6016	" 7..	Marcelin Robeneault....	Mate....	Melocheville, P.Q.....	Ottawa.....	6 00
6017	" 9..	J. Claude Butterfield...	Master..	Port Simpson, B.C....	Victoria, B.C.....	15 00
6018	" 21..	Geo. McPherson..	"	Pictou, N.S.....	Halifax, N.S.....	15 00
6019	" 21..	Geo. Getson.....	"	Getson's Cove, N.S.....	".....	15 00
6020	" 21..	Samuel Cromarty.....	Mate....	Chilliwack, B.C.....	Vancouver, B.C....	6 00
6021	" 21..	Joseph A. Gardnet.....	Master...	".....	".....	15 00
6022	Sept. 14..	John Thomas Standen...	Mate....	Vancouver, B.C.....	".....	6 00
6023	May 21..	Stephane Boily.....	"	Baie St. Paul, P.Q.....	Quebec.....	6 00
6024	" 21..	Adéland Girard.....	"	St. Irénée, P.Q.....	".....	6 00



6-7 EDWARD VII., A. 1907

LIST of Certificates of Service granted to Masters and Mates of INLAND and COASTING Vessels during the year ended June 30, 1906.—*Concluded.*

Number of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was passed.	Fee.
	1906.					\$ cts.
6025	May 21..	Alfred Ouimet. ....	Master....	Lévis, P.Q. ....	Quebec.....	15 00
6026	" 21..	Adolf Shliemann.....	Mate.	Yarmouth, N.S. ....	Yarmouth, N.S....	6 00
6027	" 31..	Joseph G. Sampson.. ..	Master....	North Hatley, P.Q..	Ottawa, Ont.....	15 00
6028	" 1..	William Hislet. ....	" ..	North Sydney, N.S....	North Sydney, N.S..	15 00
6029	June 1..	Jacob Dykemam Purdy.	" ..	St. John, N.B. ....	St. John, N.B. . .	15 00
6030	" 1..	François Xavier Martel.	" ..	St. Croix, P.Q. ....	Quebec .....	15 00
6031	" 1..	Richard A. Frethwey...	" ..	Chilliwack, B.C....	Vancouver, B.C....	15 00
6032	" 1..	Humphrey A. W. Bryan	Mate....	Selkirk, Man.....	Selkirk, Man....	6 00
6033	" 1..	Samuel Parsons .....	" ..	" .....	" .....	6 00
6034	" 1..	Joseph Boucha.....	Master....	Kenora, Ont.....	Kenora, Ont .....	15 00
6035	" 9..	George Albert Davis ..	Mate....	Smith's Falls, Ont ..	Ottawa, Ont .....	6 00
6036	" 9..	Crandall B. Tipping....	Master....	Victoria, B.C.....	Victoria, B.C. ....	15 00
6037	" 9..	Thomas Geo. Brigham..	" ..	Ottawa, Ont.....	Ottawa, Ont.....	15 00
6038	" 9..	Wilfrid Gagné.....	" ..	Murray Bay, P.Q. ....	Quebec.....	15 00
6039	" 9..	Eward M. Miller.....	" ..	Peninsula Gaspé, P.Q...	Ottawa, Ont.....	5 00
6040	" 14..	Frank St. Jean.....	" ..	Gatineau Point, P.Q....	" .....	15 00
6041	" 13..	Albert Pride .....	Master....	Cuysboro Co., N.S.	Halifax, N.S.....	15 00
6042	" 13..	Austin Doyle.....	Mate .....	Charlottetown, P.E.I..	" .....	6 00
6043	" 13..	Fenwick P. Shields.....	Master....	Fredericton, N.B.....	St. John, N.B.....	15 00
6044	" 13..	George Caron .....	" ..	Les Escoumains, P.Q....	Quebec.....	15 00
6045	" 13..	George W. Moulton....	" ..	Oakville, Ont.....	Kingston, Ont. .	15 00
6046	" 13..	William Victor Bongard	" ..	Pictou, Ont.....	" .....	6 00
6047	" 13..	Byron W. Bongard. ....	" ..	" .....	" .....	15 00
6048	" 13..	William Gelliam..	" ..	Bronke, Ont.....	" .....	6 00
6049	" 19..	Theo. Roy dit Desjardins	Master....	Quebec.....	Quebec.....	14 00
6050	" 19..	Colin McKay .....	Mate. ....	Halifax, N.S. ....	Halifax, N.S.....	6 00
6051	" 19..	Mederic Archambault...	Master..	Bout de l'Ile, P.Q..	Ottawa, Ont.....	5 00
6052	" 23..	Edmund Dubé.....	" ..	Penetanguishene, Ont...	Penetanguishene, O.	15 00
6053	" 23..	Alexander Wilson .....	Mate....	Victoria, B.C. ....	Victoria, B.C.....	6 00
6054	" 26..	Hedley Vicars Hughes..	Master....	Victoria, B.C.....	Victoria, B.C.....	15
6055	" 26..	George Hugh Pidock....	" ..	Vancouver, B.C.....	Vancouver, B.C....	15
6056	" 26..	Albert Goulet .....	" ..	Sorel, P.Q. ....	Sorel, Que.....	15
6057	" 26..	James Lanaway....	" ..	Woodstock, Ont .....	St. Catharines, Ont..	15
6058	" 27..	Archibald Macfarlane...	" ..	Sand Point, Ont.....	Sand Point, Ont....	15
6059	" 27..	Wilmot Adams.....	Mate....	Burhs Falls, Ont.....	Burk's Falls, Ont...	6
	1905.					
3396	Mar. 22..	Roderick Smith.....	Master....	Winnipeg, Man.....	Ottawa, Ont .....	8
3397	July 3..	Hermenégilde Caron....	" ..	Tadoussac, P.Q. ....	Quebec, P.Q.....	8
3398	Sept. 1..	John A. Long .....	" ..	Ottawa, Ont .....	Ottawa, Ont.....	8
3399	Nov. 20..	Clarence E. Wood . . .	" ..	Albert, Albert Co., N.B.	St. John, N.B. . . .	8
	1906.					
3400	May 21..	Thos. McGrath.....	" ..	Point du Chene, N.B....	" ..	15



## SESSIONAL PAPER No. 23

LIST of Certificates of Competency granted to Masters and Mates of FOREIGN SEA-GOING Vessels during the year ended June 30, 1906.

Number of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was passed.	Fee.
	1905.					\$ cts.
3611	July 19..	Peter Nicholson..	Mate.....	South Shields.....	Yarmouth, N.S.....	8 00
3612	" 19..	Walter Surry Stevens..	" .....	London, England... ..	Victoria, B.C.....	8 00
3613	" 19..	Frederic Smith Blackadar .....	Master....	Sandy Cove, N.S. ....	Yarmouth, N.S....	15 00
3614	" 19..	William Fraser.....	Mate.....	New Glasgow, N.S.....	Halifax, N.S. ....	8 00
3615	Aug. 9..	Arthur John Quayle....	2nd mate..	London, England.. ..	Victoria, B.C.....	8 00
3616	" 22..	Frank Henry Hawes....	Master....	Halifax, N.S. ....	Halifax, N.S.....	15 09
3617	Sept. 6..	Sydney B. Corkum.....	2nd mate..	LaHave, N.S. ....	Yarmouth, N.S....	8 00
3618	" 16..	Walter John F. Pordage..	" .....	Edinburgh, Scotland ..	" " .....	8 00
3619	" 16..	Edgar Joseph Inness....	" .....	Liverpool, N.S. ....	" " .....	8 00
3620	Oct. 10..	Frederick James Brewis..	" .....	Victoria, B.C. ....	Victoria, B.C. ....	8 00
3621	" 11..	Harry Robert Muir.....	" .....	Shelburne, N.S. ....	Yarmouth, N.S.....	8 00
3622	" 16..	Bazil Kelly.....	" .....	Summerville, P.E.I....	St. John, N.B. ....	8 00
3623	" 20..	Charles Rathford Glenn..	Master....	Cheverie, N.S.....	Halifax, N.S. ....	15 00
3624	Nov. 14..	Gordon Wm. Knight ...	2nd mate..	Castle House, Selbourne Terrace, Dover.....	Victoria, B.C.....	8 00
3625	Dec. 9..	George E. Poole..	Mate.....	Yarmouth, N.S.....	Yarmouth, N.S. ....	8 00
3626	Nov. 16..	Fletcher Clarence Zwicker.. ..	2nd mate..	Malone Bay, N.S.....	Halifax, N.S. ....	8 00
3627	" 16..	Walter Bethell .....	" .....	Port La Tour. ....	" " .....	8 00
3628	Dec. 9..	John Roy Andrews.....	Mate.....	Hantsport, N.S. ....	Yarmouth, N.S.....	8 00
3629	" 9..	Ernest Louis Cave.....	" .....	St. Johns, N.F.L. ....	" " .....	8 00
3630	" 11..	Reginald Herbert Smith..	Master....	Lorne Villa Lichfield....	St. John, N.B.....	15 00
3631	" 13..	Aubrey St. Clair Allen..	Mate.....	Yarmouth, N.S.....	Yarmouth, N.S.....	8 00
3632	" 30..	Alex. H. Strumm. ....	2nd mate..	Malone Bay, N.S.....	Halifax, N.S. ....	8 00
3633	" 30..	Thomas Young.....	Master....	Halifax, N.S.....	" " .....	15 00
3634	" 30..	Charlie Brinkman .....	2nd mate..	St. George's Road.....	" " .....	8 00
3635	" 30..	John Robinson Porter ..	" .....	Hull, England .....	Victoria, B.C.....	8 00
3636	" 30..	Thomas William Major..	Mate.....	Holderness Road, Hull, England.....	" " .....	8 00
3637	" 30..	Jacob Peter Jespersen ..	2nd mate..	St. John, N.B. ....	St. John, N.B.....	8 00
3638	" 30..	Charles Morris Gladwin..	Master....	Halifax, N.S.....	Halifax, N.S.....	15 00
3639	1906.	David Wentzel.....	Mate.....	Brigdewater.....	Yarmouth, N.S.....	8 00
3640	" 26..	Robert Walker.....	2nd mate..	Liverpool, Eng .....	Victoria, B.C. ....	8 00
3641	Feb. 13..	Newton Albert Wilkie..	" .....	Middle La Have, N.S. ..	St. John, N.B. ....	8 00
3642	" 13..	Harold F. Spinney.....	Master....	Yarmouth, N.S.....	Yarmouth, N.S.....	15 00
3643	Mar. 1..	James J. Lewis.....	2nd mate..	Escuminac, N.B. ....	St. John, N.B.....	8 00
3644	" 2..	Alexander Dickson.....	1st mate..	Halifax, N.S.....	" " .....	8 00
3645	" 12..	William Dawson Livingstone.....	Master....	Big Bras. d'Or, N.B....	" " .....	15 00
3646	" 12..	Thos. Henry Oxley .....	2nd mate..	Victoria, B.C.....	Victoria, B.C.....	8 00
3647	" 19..	Arthur M. Phinney....	" .....	Parrsboro, N.S.....	Yarmouth, N.S.....	8 00
3648	" 29..	John F. Welch .....	" .....	Yarmouth, N.S.....	" " .....	8 00
3649	" 29..	Harry Wallis.....	" .....	" " .....	" " .....	8 00
3650	" 29..	James Percy Tait.....	" .....	Chatham, N.B.....	St. John, N.B.....	8 00
3651	" 26..	Robert Dart Tucker .....	Master....	Maitland, N.S.....	Halifax, N.S. ....	15 00
3652	" 29..	George Henry Beckett..	" .....	Liverpool, England .....	Victoria, B.C.....	15 00
3653	" 29..	Wm. Dickey Comloquoy..	1st mate..	Birsay, Scotland .....	" " .....	8 00
3654	" 29..	Robert Jackson.....	" .....	Brentwood, England .....	" " .....	8 00
3655	" 29..	Henry J. Peters.....	" .....	Halifax, N.S.....	Halifax, N.S.....	8 00
3656	Apr. 24..	Daniel M. McDonald....	2nd mate..	Big Bras. d'Or, N.S. ....	St. John, N.B. ....	8 00
3657	" 24..	Alex. D. Livingston .....	" .....	" " C.B., N.S. ....	Halifax, N.S. ....	8 00
3658	May 1..	Elmore N. Parker .....	Mate.....	Walton, N.S.....	St. John, N.B.....	8 00
3659	" 7..	Andrew McDonald.....	2nd mate..	Souris, P.E.I.....	Yarmouth, N.S.....	8 00
3660	" 7..	Frederick Arthur Rice..	Mate.....	Bear River, N.S.....	St. John, N.B.....	8 00
3661	" 21..	Hjalmar Persson.....	" .....	Halifax, N.S.....	Halifax, N.S. ....	8 00
3662	June 1..	Hugh C. E. W. Owen....	Master....	Wine House, Great Ouseburn, York, England..	" " .....	15 00
3663	" 9..	Alexander Sang .....	2nd mate..	Rosebank Cottage, Scot..	Victoria, B.C.....	8 00
3664	" 9..	William B. Tucker .....	Master....	3 Crabble Villas, Dover, Eng.....	Yarmouth, N.S.....	15 00
3665	" 9..	John Herbert Potter....	2nd mate..	Cambridge, Eng .....	Victoria, B.C.....	8 00
3666	" 26..	Alfred Joint.....	" .....	43 Broadwater Rd., Bruce Grove, London.....	" " .....	8 00
2667	" 26..	Joseph Edward Proctor..	Mate. ..	Hull, England .....	" " .....	8 00



APPENDIX

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian  
in other waters, for the twelve

Date of Casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged. — Iron or Wood. — Steam or Sailing.	Register Tonnage.
1905.		Yrs			
Oct. 16..	Alph. B. Parker..... (88,598)	20	St. John, N.B.....	Schr., wood, sail.....	47
May 18..	Arthur M. Gibson..... (96,947)	25	St. John, N.B.....	Schr., wood, sail.....	296
Nov. 1..	Alhambra..... (111,647)	4	Lunenburg, N.S....	Schr., wood, sail.....	90
Jan. 2..	Alert..... (96,950)	15	St. John, N.B....	Bk., wood, sail.....	576
Oct. 5..	Aldine..... (88,595)	21	St. Andrews, N.B....	Schr., wood, sail.....	299
Sept. 27..	Avis..... (85,978)	23	St. John, N.B....	Schr., wood, sail.....	100
Nov. 17..	Altona..... (97,175)	15	Windsor, N.S.....	Bk., wood, sail.....	401
" 21..	Angola..... (97,875)	14	London, Eng.....	Steel, screw.....	1878
1906.					
Jan. 11..	Altona..... (97,175)	16	Windsor, N.S.....	Bk., wood, sail.....	491
" 2..	Alice Maud..... (96,955)	15	St. John, N.B....	Schr., wood, sail.....	120
1905.					
Nov. 3..	Alkaline..... (103,731)	8	Parrsboro', N.S....	Bk., wood, sail.....	626
Dec. 10..	Amethyst..... (79,042)	27	Halifax, N.S.....	Schr., iron, steam.....	872
1906.					
Mar. 16..	Adeline..... (88,697)	21	St. John, N.B.....	Schr., wood, sail.....	191
.....	Athlete..... (American)	1	Essex, Mass, U.S.A....	Schr., wood, sail.....	96
April 2..	Alexander R..... (116,748)	1	Halifax, N.S.....	Schr., wood, sail.....	75
" 26..	Annie Ethel..... (117,024)	1	Sydney, C.B.....	Schr., wood, sail.....	51
May 6..	Amethyst..... (79,042)	28	Halifax, N.S....	Schr., iron steam.....	872
" 20..	A. Lincoln..... (107,321)	41	Charlottetown, P.E.I....	Schr., wood, sail.....	58
1905.					
Oct. 3..	Britannic.....	17	Pongrind, Norway.....	Schr., steel, steam.....	1457



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and Foreign Sea-going Vessels in Canadian Waters and to Canadian Sea-going Vessels months ending June 30, 1906.

Port Sailed from. — Port Bound to.	Place where Casualty happened.	Cause and Nature of Casualty.	Lives lost.	Remarks.
				\$
Freeport, N.S., fishing voyage.	Cape Cove Sand Flats, Digby Co., N.S.	Stranded.....	....	Total, 1,300
St. John, N.B., New York, U.S.A.	Gay Head, Block Island, Long Island Sound, USA.	Stranded.....	....	Part, 3,000
Lunenburg, Souris, P.E.I., Banks.	Pt. Hastings, Strait of Canada.	Stranded..	....	Pt., ship 1,800 Cargo 500
Annapolis, N.S., Bahia Blanca.	Entrance to Harbour Bahia Blanca, Argentine Rep.	Stranded.....	....	Total, 5,500
St. John, N.B., New York, U.S.A.	1 mile N.N.E. from Pollock Rip. Light-ship, Mass.	Collision. ....	....	Part, 50
St. John, N.B., Newark, N.J., U.S.A.	McKinley, near Bar Harbour, Me., U.S.A.	Stranded.....	....	Tl., ship 1,000 Cargo 2,000
Lewisport, Nfld., New York, U.S.A.	.....	Part deckload washed away and sails damaged.	....	
Montreal, Que., Mexico.....	Longue Pointe, River St. Lawrence.	Grounded....	....	Trifling.
Elizabeth Port, N.J., U.S.A., St. John, N.B.	On Shovelful Shoal, Nantucket Light, Mass., USA.	Stranded.....	....	Total.
St. John, N. B., Boston, U.S.A.	Cape Porpoise, Maine.....	Lost anchor.....	....	
Liverpool, N.S., Philadelphia, Pa., U.S.A.	48°20 N., 63°10 W., N. Atlantic,	Lost some sails. ....	....	
Halifax, N.S., St. Anns, C.B., Portsmouth, N.S.	Off Whitehead, N.S.....	Lost some deck fittings and part of deck load.	....	Part.
St. John, N.B., New York, U.S.A.	Matinicus, bearing N. E. about 30 miles Atlantic.	Foundered in heavy gale...	....	Tl., ship 2,500 Cargo 3,369
Gloucester, Mass., Tusket, N.S., Halifax, N.S.	Terrio's Ledge, Argyle Harbour, N.S.	Stranded..	....	Part, 525
Port Hastings, N.S., Beaver Harbour, N.S., Halifax.	Near Point Pleasant Buoy, Halifax Harbour, N.S.	Collision.....	....	Tl., ship 3,500 Cargo 270
Gabarus, C.B., Halifax, N.S., Gabarus, C.B.	Gabarus Harbour, N.S.....	Stranded .....	....	Total.
Halifax, N.S., Pictou, N.S...	Michaux Point, Chedabucto Bay, C.B.	Stranded.....	....	Part.
Halifax, N.S., Port Hastings, Rustico., P.E.I.	Rustico, P. E. I., between breakwater and sand bar.	Stranded.....	....	Total, 800
Montreal, Que., Sydney, C.B.	West point of Isle of Orleans, Que.	Stranded.....	....	Trifling damage.



STATEMENT of Wrecks and Casualties reported as having occurred in British,

Date of Casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged. — Iron or Wood. — Steam or Sail.	Register Tonnage.
1905.		Yrs			
.....	Beaver... .. (100,056)	14	St. John, N. B. ....	Schr., wood, sail .....	192
Sept. 15..	Bremen .....		(German).....	Steam.....	11570 gross.
Nov. 3.	Bavarian .....	6	Glasgow, G. B. ....	Schr., steel, steam .....	10387
" 18.	Boston.....	15	Yarmouth, N.S. ....	Schr., steel, steam .....	734
Dec. 15.	Basutoland.....	3	Liverpool, N.S.....	Schr., wood, sail.. .	190
Nov. 26..	Brilliant Star.....	20	Halifax, N. S.....	Schr., wood, sail....	36
1906.					
Mar. 10..	Baines Hawkins ..	25	Sydney, C. B.....	Schr., iron, steam.....	434
1905.					
Jan. 10..	Basil M. Geldert.....	9	Lunenburg, N. S. ....	Schr., wood, sail....	99
Mar. 16..	Beatrice E. Waring.....	3	St. John, N. B. ....	— wood, steam..	373
1906.					
Jan. 11..	Briardene.....	22	Newcastle, G. B.....	Schr., iron, steam..	1723
Mar. 12..	Beatrice.....	13	Chatham, N. B.....	Schr., wood, sail.....	79
Feb. 27..	Baldwin .....	14	Yarmouth, N. S.....	Bktn., wood, sail.....	561
May 18..	Bray Head .....	12	Belfast, Ireland.....	Schr., steel, steam .....	2020
1905.					
Aug. 27..	Cape Breton.....	15	Montreal, Que.....	Schr., steel, steam .....	1764
Sept 12	Chr. Knudsen.....	$\frac{1}{3}$	(Norwegian).....	Sloop, steel, steam .....	2489
Aug. 21..	Colonia .....	3	London, G.B.....	Schr., steel, steam .....	4977
July 27..	Corinthian.....	5	Glasgow, G. B. ....	Schr., steel, steam .....	4018
Nov. 19..	Clifton.....	20	St. John, N, B .....	Wood, steam.....	87
Oct. 21	Carrie.....	15	Lunenburg, N. S.....	Schr., wood, sail. ....	99
Dec. 5.	Coral Leaf .....	3	Parrsboro, N.S.....	Schr., wood, sail.....	374
Nov. 30..	Clayola. ....	15	Windso, N.S .....	Schr., wood, sail.....	123
1906.					
Feb. 8..	Carrie Easter.....	22	Port Medway, N.S.....	Schr., wood, sail.....	179
Jan. 5...	Cordillera .....	32	Christiana, Norway.....	Bk., wood, sail .....	635
1905.					
Sept. 12..	Culdoon .....	21	St. John, N.B.....	Bk., wood, sail....	373



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Canadian and Foreign Sea-going vessels in Canadian Waters, &c.—*Continued.*

Port Sailed from. Port Bound to.	Place where Casualty happened.	Cause and Nature of Casualty.	Lives lost.	Remarks.
				\$
Kingsport, N.S., Harvey, N. B., Boston, U.S.A.	Passage from Harvey to Boston.	Lost two top sails.....		Part.
New York, U.S.A., Bremen, Germany.	Lat. 41., 11 N. Long. 67, 54 W., Atlantic Ocean.	Broke port tail shaft.....		Part.
Montreal, Que., Quebec, Que., Liverpool, G. B.	Crane Island, River St. Lawrence.	Stranded.....		Unknown.
Yarmouth, N. S., Boston, U. S. A.	.....	Forward part of bridge carried away during gale.		
Chatham, N.B., Hawkesbury, New York, U.S.A.	Long Island, New York, U. S. A.	Ran into by s.s. <i>City of Lawrence.</i>		Serious.
Souris, P.E.I., Souris, P.E.I. Channel, Nfld.	South side Ingonish Harbour, N.S., Atlantic Oc'n.	Stranded.....		Part, ship, 600 Cargo, 400
Port Morien, N.S., Port Morien, N.S., Mulgrave, N.S.	About 1½ m. S.S.E. South Head, Cow Bay, C.B., Atlantic Ocean.	Foundered. ....	1	Total. Ship, 35,000 Cargo, 1,600
Halifax, N. S., Bay of Islands, Nfld.	Owl's Head Harbour, North Atlantic, N. S.	Stranded.. ....		Total, 4,000 Cargo, 1,000
Tied up for the winter. . . .	Rowan's Cove, North end of St. John, N. B.	Destroyed by fire. ....		Total, 37,500
Cardiff, G. B., Halifax, N. S.	Lat. 50, N., Long. 24, 30 W. Atlantic Ocean.	Damaged by heavy sea....		Part, 500
Meteghan, N. S., Boston, U. S. A.	.....	Tore flying job .. .		
Philadelphia, Pa., U.S.A., Las Palmas.	Harbour of Porto Grande, St. Vincent, C.V.I.	Burnt... ..		Total.
Dublin, Quebec, English Bay.	St. Pancras, Manicouagan Bar, Que.	Stranded.....		Part.
Sydney, N. S., Sorel, Que. . .	Sorel Harbour. Que.....	Stranded.....		No damage.
Montreal, Que., Sydney, N. S.	20 miles north of St. Paul's Island, N. S.	Collision.. ....		Part 10,000
London, G. B., Canso, N. S.	Chedabucto, Cape Diamond Bay, west end Fox Island.	Stranded .. .		Part, 50,000
Glasgow, G. B., Montreal, Que.	St. Helen's Island, Que., Montreal, Que.	Stranded.....		No damage.
St. John, N. B., Hampton, N. B.	Reed's Point, King's Co., N. B.	Burnt.... ..		Total, 4,000
— Boston, Mass., Pictou, N. S.	Off Hatcher's Island.....	Sprung a leak.....		Part.
Diligent River, N.S., New York, U.S.A.	Hedge Fence Shoal, Vineyard Sound, American Coast.	Stranded.....		Part, 180
New York, U.S.A., St. John, N.B.	Vineyard Haven Sound, U. S. A.	Lost main sail .. .		
Port Hastings, Canso, N.S., Yarmouth, N.S.	S. W. Cranberry Isl. Light N.S.	Grounded.....		Part, 200
St. John, N.B., Buenos Ayres	34° 41' N., 41° 56' W., Atlantic.	Sprang leak and sank.....		Total, Ship 7,000 Cargo, 8,569
Jacksonville, Fla., Grenada, B.W.I.	Unknown.....	Sailed from Jacksonville and has not since been heard from.		Total, Ship, 5,000 Cargo, 6,000



6-7 EDWARD VII., A. 1907

STATEMENT of Wrecks and Casualties reported as having occurred to British

Date of Casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged. — Iron or Wood. — Steam or Sail.	Register Tonnage.
1906.		Yrs			
Jan. 13...	Cora May . . . . . (94,753)	17	St. John, N. B . . . . .	Schr., wood, sail.....	117
Feb. 12...	Cheslie . . . . . (103,726)	9	Parrsboro, N. S.....	Schr., wood, sail . . . . .	330
" 28...	Canada..... (111,631)	5	Lunenburg, N. S.....	Schr., wood, sail.....	199
April 24..	Camosun..... (121,204)	1½	Glasgow, Scotland....	Schr., steel, steam....	794
Feb. 21...	Cheslie. . . . . (103,726)	10	Parsboro, N.S... . . . .	Schr., wood, sail... . . . .	330
July 7...	Cervona..... (104,736)	10	Dundee, G.B... . . . .	Schr., steel, steam.....	2,372
May 1...	Cora L..... (96,835)	16	Lunenburg, .NS . . . . .	Schr., wood, sail.. . . .	98
1905.					
Aug. 19...	Daisy . . . . . (97,072)	12	Charlottetown, P.E.I....	Bkn., wood, sail.....	384
" 29...	Due Sorelle B.....	4	Genoa, Italy.....	Bkn., wood, sail.....	1,384
Oct. 9...	D. J. Melancon. . . . . (100,899)	8	Weymouth, U.S.....	Schr., wood, sail.....	134
Dec. 25. .	Dulwich..... (102,801)	12	London, Eng.....	Schr., steel, steam. . . . .	2,115
1906.					
Mar. 12...	Duncan (Norwegian).....			Schr., iron, steam... . .	633
Feb. 18...	Drusie.....		Liverpool, N.S. . . . .	Schr., wood, sail.....	99
April 23..	Ellen C. Burk....		Boston, Mass., U.S.A....	Schr., wood, sail.....	
Sept. 6..	E. Mayfield . . . . . (103,739)	7	Parrsboro, N.S . . . . .	Schr., wood, sail.....	75
July 18..	E. Merriam. . . . . (80,395)	23	Parrsboro, N.S... . . . .	Schr., wood, sail . . . . .	331
	Emu . . . . . (72,236)	20	St. John, N.B.. . . . .	Schr., wood, sail . . . . .	68
Oct. 23.	Euphemia.....	2½	German.....	Schr., steel, steam. . . . .	1289
July 31..	E. A. O'Brien . . . . . (90,479)	14	Maitland, N.S.....	Bk., wood, sail. . . . .	1037
Sept. 21..	Effie May . . . . . (107,795)	6	St. John, N.B.....	Schr., wood, sail.....	67
Dec. 10..	Ediih Emery . . . . . (117,326)	22	St. Johns, Nfld.....	Schr., wood, sail . . . . .	73
1906.					
Jan. 14..	Earl of Aberdeen . . . . . (103,013)	12	Parrsboro, N.S.....	Schr., wood, sail . . . . .	416
1905.					
Nov. 10.	Edna M. Smith.... (112,238)	27	St. John, N.B.....	Bk., wood, sail.. . . .	736
1906.					
Mar. 20..	Ella M. Goodwin . . . . .	5	American. . . . .	Schr., wood, sail.....	86



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Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

Port Sailed from — Port Bound to.	Place where Casualty happened.	Cause and Nature of Casualty.	Lives lost.	Remarks.
				\$
St. John, N.B., Bass Harbour, Vineyard Haven, U.S.	40 miles E. of Portland and near Seguin light, U.S.A.	Sprung a leak.....	.....	Part, 60
St. John, N.B., Carrabelle, Fla., St. John, N.B.	Lat. 32° W., Long. 79° N., 150 miles S.E. of Savannah, U.S.A.	Rudder stock carried away. Jib boom broken.	.....	Part, 300
Baracoa, Cuba, Philadelphia, U.S.A.	Lat 36° 48' N., Long. 72° 43' W., N. Atlantic.	Damaged by heavy seas ...	.....	Part, 200
Vancouver, B. C., Victoria, B.C.	Victoria Harbour, B.C.....	Stranded . . . . .	.....	No damage.
Apalachicola, Florida, St. John, N.B.	Round Reef, St. John, N.B.	Stranded.....	.....	Part, 2,000
Montreal, Que., London, Eng.	South Point of Ant. bearing S.E. ½ E.	Stranded..	.....	
Louisburg, N.S., Halifax, N.S.	Entrance to Beaver Harbour, N.S.	Stranded.....	.....	Total, 1,900
Blythe, G.B., Stanley, Falkland Is.	Lat. 35° 26' S., Long. 47° 07' W., S. Atlantic.	Heavy weather.....	.....	Part.
Tusket Wedge, N.S., Swansea, Eng.	Tusket River, on Ledge....	Stranded.....	.....	Part.
Marasaibo, Yarmouth, N.S..	Near St. Carlos, Gulf of Maracarbo.	Grounded. ....	.....	Total, 4,000
Muroran, Japan, Esquimalt, B.C.	Esquimalt Hr., B.C.....	Cable parted, grounded....	.....	No damage.
Bermuda, Hamilton, Sydney, C.B.	In ice off Scatarie, C.B.....	Stove in by ice.....	..	Part, 500
St. John's Nfld.....	Atlantic Ocean.....	Lost part of cargo ....	.....	No damage.
Boston, Mass., U.S.A., Magdalen Islds., Que.	Sand Point and entrance to Str. of Canso, U.S.	Stranded.....	..	No damage.
Parrsboro, N. S., Yarmouth, N.S.	Yarmouth Roads, N. S.....	Collision .....	.....	Part, 200
Port Greville, N. S., New York, U.S.A.	Shovelful Shoal, American coast.	Stranded.....	..	Part, 1,000
St. George, N. B., Boston, U.S.A.	St. George, N.B., to Boston, U.S.A.	Mainsail and forsail torn by stress of weather.	.....	Part
Montreal, Que., Hamburg, Germany.	About 2 miles above Ste. Antoine, Que.	Collision.....	.....	Part
Port Natal, S.A., Barbados.	120 miles S. W. of Cape of Good Hope, S. Atlantic.	Strained through stress of weather.	....	Part, 3,000
St. John, N. B., Vineyard Haven, U.S.A.	Lat. 44° 10' 10" N., long. 68° 33' 00" W., N. Atlantic.	Stranded .....	.....	Unknown.
Channel, Nfld., Sydney, C.B.	Sydney Harbour, C.B.....	Stranded....	...	Part, 150
Wentworth, N.S., New York, U.S.A.	Portsmouth, N.H., Harbour.	Collision . . . . .	.....	
Leith, Barbados. ....	Bridgtown, Barbados, B.W.I	Fire .....	.....	Part, cargo 250
Gloucester, Mass., Liscombe, N.S., fishing ground.	Western Banks, N. Atlantic.	Rudder and wheel smashed . .	..	Part, 500



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## STATEMENT of Wrecks and Casualties reported as having occurred to British,

Date of Casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged. — Iron or Wood. — Steam or Sail.	Register Tonnage.
1906.		Yrs			
Jan. 25	Enterprise . . . . . (100,498)	....	Victoria, B.C. ....	Fore and aft, wood, sail.	69
1905.					
Nov. 3	Frank & Ira . . . . . (103,254)	11	St. John, N.B. ....	Schr., wood, sail. ....	98
Dec. 10	Fanny C. Ane . . . . . (119,546)	20	St. Johns, Nfld. ....	Schr., wood, sail. . . .	65
Mar. 24	Florence M. Munsie. .... (112,094)	2½	Lunenburg, N.S. ....	Schr., wood, sail. ....	97
Dec. 24	Freddie A. Higgins. .... (103,116)	23	St. Andrews, N.B. ....	Schr., wood, sail. ....	78
1906.					
April 24	Foaming Billow. . . . . (42,276)	45	Halifax, N. S. ....	Schr., wood, sail. . . .	66
June 2	Florence C. . . . . (103,067)	11	Halifax, N.S. . . . .	Schr., wood, steam. ....	23
1905.					
April 25	Golden Rod. . . . . (116,507)	1	Lunenburg, N.S. ....	Schr., wood, sail. ....	76
Aug. 12	Garland. . . . . (97,083)	15	Lunenburg, N.S. . . . .	Schr., wood, sail. ....	51
July 25	G. C. Kelley . . . . . (88,555)	20	Yarmouth, N.S. ....	Schr., wood, sail. ....	99
June 6	George T. Hay . . . . . (90,514)	18	Parrsboro', N.S. ....	Ship, wood, sail. ....	1,647
Nov. 11	G. T. D . . . . . (85,456)	22	Quebec, Que. . . . .	Schr. ....	165
Mar. 23	Georgian . . . . . (107,097)	7	Vancouver, B.C. ....	— wood . . . . .	394
1906.					
Jan. 24	Genesta . . . . . (96,939)	15	Charlottetown, P.E.I. ....	Bktine, wood, sail. . .	393
Mar. 22	Grane . . . . .	7	(Foreign) . . . . .	Schr., steel, steam . . .	699
April 18	Georgie E. . . . . (100,874)	13	St. John, N.B. . . . .	Schr., wood, sail. ....	89
1905.					
June 13	Hattie M. Graham. ....	....	Gloucester, Mass., U.S.A. ....	Schr., wood, sail. ....	....
Aug. 29	Helen C. Morse. .... (116,442)	2	Lunenburg, N.S. ....	Schr., wood, sail. ....	98
July 27	Hattie C. . . . . (85,598)	22	St. John, N.B. ....	Schr., wood, sail. ....	160
Oct. 9	Harry W. Lewis. .... (96,758)	16	" . . . . .	Schr., wood, sail. ....	297
Nov. 16	Halifax . . . . . (95,099)	25	Halifax, N.S. ....	Schr., iron, steam. ....	1,078
" 11	Highlands . . . . . (88,255)	22	St. John, N.B. ....	B'que, wood, sail . . . .	1,234



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Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

Port Sailed from. — Port Bound to.	Place where Casualty happened.	Nature of Casualty.	Lives lost.	Remarks.
				\$
Halifax, N.S., Victoria, B.C.	About 2 miles from Rio Grande de Sul, Brazil.	Burnt.....		Total.
St. John, N.B., New Haven, Conn., U.S.A.	Pollock Rip. ....	Collision.....		Slightly damaged.
Channel, Nfld., Sydney, C.B.	Sydney Harbour, C. B. ....	Stranded.. ....		Part, 150
Halifax, N.S., Barbados, Victoria, B.C.	Possession Bay, Straits of Magellan, S.A.	Stranded .....		Total, 7,500
Grand Manan, N.B., New York, U.S.A.	25 miles north Cape Cod, U.S.A.	Headgear carried away. Mainsail torn.		
Halifax, N.S., Canso, N.S. ...	Twin Ledges, 5 miles W. of Canso, N. S.	Stranded.. ....		T't'l, ship 1,000 cargo, 700
Halifax, N.S., Charle's Cove, N.S.	Tor Bay Head, Guysboro Co., N.S.	Struck reef .....		Total.
Lunenburg, N. S., Halifax, N.S., fishing.	Bear Island Reef, Gut of Canso.	Stranded . ....		Part, 500
Petite Rivière, N.S., North Sydney, C.B.	4 miles off Lingan Head, C. B.	Foremast broken .....		
Yarmouth, N.S., New York, U.S.A.	Nantucket Shoals, U.S.A.:	Lost port anchor and 15 fathoms chain. ....		
Hong Kong, Baltimore, New York, U.S.A.	Brooklyn Bridge, East R., New York City, U.S.A.	Damaged while passing under Brooklyn Bridge, U.S.A. ....		Part, 20
Quebec, Que. ss. <i>Bavarian</i> , Wye Rock.	Wye Rock, St. Lawrence...	Burnt and seuttled.....		Total.
Ladysmith, B. C., Union Bay, B.C,	Downe's Point, Hornby Island, B.C.	Stranded .....		" 10,000
Laguna, Mexico, Falmouth, Eng.	Alacran Reef, Gulf of Mexico	Stranded .....		" 7,500
Parrsboro', N.S., Halifax, N.S.	Entrance to Halifax Harbour, N.S.	Propellor dropped off.....		
St. John, N.B., Boston, Mass., U.S.A.	Fisherman's Island Ledges, U.S.A.	Stranded .....		
Gloucester, Mass, U.S.A., Newfoundland.	Sand Point, Guysboro' Co., N.S.	Stranded .....		No damage.
Lunenburg, N.S., Queensport, N.S.	Queensport Harbour, Guysboro' Co., N.S.	Stranded ....		Pt. ship, 2,400 Cargo, 100
Parrsboro', N.S.....	Vineyard Hav n, U.S.A...	Fouled by another steamer .....		Slightly damaged.
Mobile, Ala., U.S.A., Sauga Cuba.	12 miles E. of South Pass below New Orleans, U.S.A.	Strained in hurricane.....		Part, 2,000
Halifax, N.S., Boston, Mass	Off Sambro, N.S., 20 miles from Halifax, N.S.	Damaged by tidal wave....		Part, £900
Turk's Island, New York, U.S.A.	Lat. 30° 10' N., Long. 74° 50' W.	Sprang a leak.....		Tot'l, ship 8,000 Pt. cargo 4,000



6-7 EDWARD VII., A. 1907

STATEMENT of Wrecks and Casualties reported as having occurred to British,

Date of Casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged. — Iron or Wood. — Steam or Sailing.	Register Tonnage.
1906.		Yrs			
April 24..	Hiawatha. .... (121,857)	1 m.	Lunenburg, N.S.....	Schr., wood, sail.....	98
May 12..	Hestia ..... (98,053)	16	Glasgow, G.B.....	Schr., steel, steam .....	2,434
April 26..	Havana ..... (97,185)	15	Windsor, N.S.....	Schr., wood, steam....	246
1905.					
Aug. 7..	Infant..... (83,134)	24	Lunenburg, N.S.....	Schr., wood, sail.....	15
Dec. 9..	Ida M. Shafner..... (107,295)	5	Annapolis, N.S.. ..	Schr., wood, sail.....	139
Oct. 26..	J. H. S. .... (97,195)	14	Chatham, N.B .....	Schr., wood, sail.....	40
Sept. 9..	J. W. Hill..... (94,668)		Halifax, N.S.. ..	Schr., wood, sail.. ..	78
Dec. 30..	John S. Bennett ..... (107,285)	5	Liverpool, N.S.....	Bktne., wood, sail.....	299
1906					
Mar. 31..	James R. Clark..... (American)			Schr., wood, sail.....	
.....	Jacona . .... (96,363)		British.....	Schr., iron, steam.....	1951
1905					
June 15..	Kildonan..... (92,548)		Montreal, Que.....	Bge., wood, sail.....	499
Nov. 7..	Keewaydin..... (94,853)	16	Parrsboro, N.S.....	Schr., wood, sail.....	187
Dec. 13 .	King David..... (102,699)	12	Glasgow, Scot.....	Ship, steel, sail ....	2079
1906					
Jan. 11..	Kipling ..... (111,632)	5	Lunenburg, N.S .....	Schr., wood, sail.....	142
April 21..	Kihnenny ..... (100,649)	14	Vancouver, B.C.. ..	Schr., wood, sail.....	18
Mar. 13..	Konigen Louise. ....		Bremen, Germany .....	Schr., iron, steam .....	68
1905					
July 14..	L. M. B ..... (100,349)	27	Maitland, N.S.....	Schr., wood, sail....	99
Aug. 10..	Laura C. Hall ..... (103,738)	7	Parrsboro, N S.....	Schr., wood, sail.....	99
July 17..	Lyra..... (88,265)	22	St. John, N.B .....	Schr., wood, sail....	99
" 29..	Lyra..... (88,265)	22	St. John, N.B .....	Schr., wood, sail.....	99
Aug. 10..	L. G. Crosby ..... (96,968)	15	Yarmouth, N.S .....	Brigt., wood, sail .....	298
" 29..	Lochiel..... (61,523)	35	Arichat, N.S . ....	Schr., wood, sail.....	99



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Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—Continued.

Port sailed from. — Port bound to.	Place where Casualty happened.	Nature of Casualty.	Lives lost.	Remarks.
				\$
Lunenburg, N.S., Canso, N.S.	Merchant Point, C.B....	Stranded ....	...	Part, 1,800
Glasgow, G.B., St. John, N.B.	Cape Sable Lighthouse, N.S.	Stranded ...	....	Part.
.....	Off Point Pleasant Park, Halifax Harbour, N.S.	Sunk while lying at dock by ss. <i>Strathcona</i> .	....	
Port Mouton, N.S., Fishing Grounds.	Lat. 44° 49' N. long. 64° 50' W. North Atlantic coast.	Foundered.....	....	T'tl. ship, 300 Cargo, 600
New York, U.S.A., Sydney, N.S., Halifax, N.S.	On S.E. ledge of Isaac's Harbour, N.S.	Stranded. ....	....	Total, 8,000
Sydney, N.S., Charlottetown, P.E.I.	Western entrance Lenox Passage, Richmond, Co., N.S.	Lost mainsail .....	....	Part, 200
Chatham, N.B., Sydney, N.B.	Sydney Harbour, N.S.....	Destroyed by fire .....	....	Total. 1,200
New York, N.Y., U. S. A., Liverpool, N.S.	On Hedge Fence Shoals, Vineyard Haven, Mass.	Stranded.		
.....	Yarmouth, Harbour, N.S ..	Burnt .....	....	Part. 500
.....	.....	Crank shaft broken. Re- paired at sea.		
Charlotte, N. Y., Kingston, Ont.	Gull Shoal, Lake Ontario ..	Stranded .....	....	No damage.
Parrsboro, N. S., Bridgeport, Conn., U.S.A.	16 miles from Mont Desert, U.S.A.	50,000 ft. lumber washed overboard.	....	No damage to vessel.
New Port, Port Townsend, Wash., U.S.A.	Bajos Reef, B.C., 49° 37' N. 127° 13' W. Pacific Ocean.	Stranded.....	....	Total.
Harbour Grace, Nfld., Liver- pool, G.B., Harbour Grace, Nfld.	Lat. 49° N., long. 28° 35' W. N. Atlantic..	Foundered .....	....	Total. 8,000 Cargo, 2,750
Vancouver, B.C., Vancouver, coastwise.	San Joseph Bay, Pacific Ocean.	Stranded.....	....	Total. 2,000
Genoa Isla., New York, New York, U.S.A.	39° 21' N., 54° 50' W. Atlan- tic Ocean.	Damaged steering gear.		
Windsor, N.S., Red Beach, Me., U.S. A.	Dry Ledge, La Tete Pass- age, Bay of Fundy.	Stranded.. ..	....	Total. 2,000
River Hebert, N. S., Lynn, Mass., U.S.A.	Off North Head, Grand Ma- nor, Bay of Fundy, N.S.	Collision with sch. <i>Garfield</i> <i>White</i> .	....	Part. 500
St. John, N.B., Boston, Mass., U.S.A.	Machias Bay, Me., U.S.A., N. Atlantic.	Lost masts and rigging. ...	....	Part. 400
St. John, N.B., Boston, Mass.	S. E. side of Harbirds Isls., Me., U.S.A.	Stranded.....	....	Total. 1,000 Cargo, 1,920
Rio Grand du Sul. ....	33. N. 67 W., N. Atlantic ..	Vessel damaged in squall and condemned.	....	Total. 7,500
Picton, N.S., Mag. Isls., Que.	Souris, East Harbour, P.E.I.	Stranded.....	..	Total.



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## STATEMENT of Wrecks and Casualties reported as having occurred to British,

Date of Casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged. — Iron or Wood. — Steam or Sail.	Register Tonnage.
1905.		Yrs			
July 4..	Lunenburg ... (100,166)	14	Lunenburg, N.S. ....	Schr., wood, steam.....	113
" 25..	L. G. Crosby ... (96,968)	15	Yarmouth, N.S. ....	B'tine, wood, sail ...	298
Aug. 24..	Lakonia..... (111,195)	6	Glasgow, G.B. ....	Schr, steel, steam.....	3046
Dec. 4..	Lunenburg..... (100,166)	15	Lunenburg. N.S. ....	Schooner, wood, steam..	113
Nov. 4..	Luetta ..... (103,420)	9	Lunenberg, N.S. ....	Schooner, wood, sail ....	97
Oct. 11..	Launberge... (100,335)	12	Maitland, N.S. ....	Bgtne, wood, sail.....	1215
Dec. 10..	Lake Queen .. (116,735)	1½	Halifax, N.S. ....	Schr., wood, sail.....	29
" 2..	Leif.....	....	(Norwegian).....	Ship, iron, sail.....	1137
....	Lyackson ... (116,934)	1	Victoria, B.C. ....	Sloop, wood, steam ...	11
1906.					
Jan. 10..	Latooka... (111,635)	4	Lunenberg, N.S. ....	Schr., wood, sail.....	99
1905.					
Oct. 9..	Mary May..... (103,859)	7	Halifax, N.S. ....	Schr., wood, sail.....	23
June 30..	Minto ..... (100,450)	6	Canso, N.S. ....	Schr., wood, sail.....	18
Nov. 20..	Maud M. Story.....	22	St. Andrew, N.B. ....	Sailing ..	78
" 24..	Marconi... (112,617)	3	Canso, N.S. ....	Schr., wood, sail.....	5501
" ....	Matilda..... (77,895)	20	Sackville, N.B. ....	Schr., wood, sail ....	46
Oct. 4..	Mona ... (116,585)	2	Liverpool, N.S. ....	Schr., wood, sail.....	299
" 28..	Mauxman.....	....	Liverpool, G.B. ....	Schr., steel, steam ....	3121
1906.					
Jan. 20..	M. Turner .... (93,294)	4	San Francisco, U.S.A. ....	Schr., wood, sail.....	816
" 16..	Manhattan ... (112,095)	3	Lunenberg, N.S. ....	Schr., wood, sail.....	100
Feb. 4..	Millie..... (94,865)	15	Parrsboro, N.S. ....	Schr., wood, sail ..	639
1905.					
Nov. 25..	Marie Joseph. .... (73,493)	....	Magdalen Island, Que. ....	Schr., wood, sail.....	56
1906.					
Jan. 10..	Melba..... (107,307)	7	Windsor, N.S. ....	Schr., wood, sail.....	419



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Port Sailed from. — Port Bound to.	Place where Casualty happened.	Nature of Casualty.	Lives lost.	Remarks.
				\$
Pictou, N.S., Mag. Isls., Que.	Lat. 47° 13' N. Long. 61° 58' W. Amherst Isl., Mag. Is., Que.	Stranded.....	.....	Part. 1,000
New York, U.S.A., Rio Grand du Sul.	Carlisle Bay, Barbados...	Damaged by fire....	.....	
Glasgow, G.B., Quebec, Que., Glasgow, G.B.	At steamer's dock, Montreal, Que.	Steam pipe burst in boiler room.	3	
Pictou, N.S., Souris, P.E.I., Amherst, M.I.	Sand Beach, near Amherst Harbour, Magdalen Is., Q.	Stranded.....	11	Total, 20,000
Catalina, N'ld., Naples, Italy.	200 miles E.S.E. of St. John	Fore stay carried away....	.....	Trifling.
Bunbury, W.A., Hamburg:	South of Cape Good Hope..	Leaking.....	.....	Part.
Isaac's Harbour, N.S., Banks Fishing.	Isaac's Harbour, N.S. ....	Stranded.....	.....	Part, 375
Cork, Ire., Queenstown, Ire., Buenos Ayres.	Bridgewater, N.S., Harbour	Grounded.....	...	Total, 10,000
Valdez Is., B.C. Saanish, B.C., Victoria, B.C.	1 mile south of Frial Is. str'ts of Juande Fuca, B.C.	Propellor fouled by tow of logs.	....	Trifling. Lost boom of logs, 300
Sydney, C.B., Gloucester, Mass., U.S.A.	4 miles S. by E. of Cabots Isl. N. coast of Nfld.	Vessel leaky owing to pounding of ice.	....	Serious casualty.
Dover, N.S., Canso, N.S...	Glasgow Head near Canso Harbour, S. coast of N.S.	Stranded and broken up..	....	Total, 500
Bayfield, P.E.I., Canso, N.S.	North Point of Arisaig, 20 miles E. Pictou, N.S.	Stranded.....	....	Part, 100
Gloucester, Mass., Wood's Harb'r, Georgetown P.E.I.	Off breakers, Sambro, N.S..	Stranded .....	..	Total.
Canso, N.S., Fishing Banks, Canso, N.S.	Dead Man's Island, Canso Harbour, N.S.	Stranded.....	....	Part, 500 (s) 500 (c)
Sydney, N.S., St. Peters, N.S.	Mouth of Great Bras d'Or, Gulf St. Lawrence.	Driven to sea by gale..	...	Part, 300
Port au Prince (Hytn.), Bluefield, (Nicaragua) Philadelphia, U. S. A.	Lat. 17°, Long. 76° 38, Caribbean Sea.	Damaged in hurrican.....	....	Part, 350
Avonmouth, Montreal, Que.	81° 16 N., 22° 00 W., North Atlantic.	Damaged by heavy sea....	..	Unknown.
Puget Sound .....	W. F. Barrier Reef. W. coast of Vancouver, B.C.	Sails carried away.....	...	Part.
Carbonear, Nfld., Canso, N.S., Lunenburg, N.S.	Glasgow Head near Cape Canso, N.S.	Stranded .....	....	Total, 5,000 (s) 5,000 (c)
St. John, N.B., New-York, N.Y., U.S.A.	5 miles off Machiasport, Me., U.S.A.	Stranded .....	3	Total, 9,000 (s) 747 (c)
Halifax, N.S., Souris, P.E.I., Magdalen, Isl.	Amherst Is., Magdalen Is..	Stranded... ..	2	Total, 1,000
Bridgewater, N. S., New-York, U.S.A.	Off Cape Sable, N.S. ....	Fore tressel-trees broke in gale.	....	Part, 50



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STATEMENT of Wrecks and Casualties reported as having occurred to British,

Date of Casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged. — Iron or Wood. — Steam or Sailing.	Register Tonnage.
1905.		Yrs			
July 7..	Nimrod ..... (111,644)	4	Lunenburg, N.S. ....	Schr., wood, sail.....	99
Nov. 30..	Nicanor ..... (90,861)	19	Lunenburg, N.S. ....	Bk., wood, sail.....	393
" 10..	Norwood... .. (100,332)	15	Maitland, N.S.....	Ship, wood, sail....	1597
July 14 .	Ohio. ....	21	St. John, N.B.....	Bgt., wood, sail.....	325
Oct. 31..	Ola M. Balcom ..... (112,093)	3	Lunenburg, N.S. ....	Schr., wood, sail..	99
Sept. 29..	Our Maud..... (88,318)	25	Quebec, Que.....	— wood, sail.....	30
Oct. 15 .	Oban Bay ...	...	Italian .....	Bk., iron, sail .....	999
Jan. 15 .	Omega . ....	15	Charlottetown, P.E.I .....	Schr., wood, sail... ..	82
Oct. 15..	Orion..... (3,588)	28	Göteborg, Sweden... ..	Bark, wood, sail.....	441
1906.					
Jan. 6..	Oscar..... (103,908)	8	Victoria, B.C.....	Sloop, wood, steam.....	61
" 6..	Ohio..... (80,100)	24	St. John, N.B.....	Bktn., wood, sail.....	325
.....	Ophir..... (111,704)	5	Lunenburg, N.S.....	Schr., wood, sail.....	99
Nov.....	Onward..... (94,993)	17	Charlottetown, P.E.I .....	Schr., wood, sail.....	15
1905.					
May 29..	Pro. Patria.....	...	French.....	— iron, steam.....	380
Aug. 9..	Phebe and Emma Small. (94,703)	36	Charlottetown, P.E.I.....	Schr., wood, sail.....	70
Sept. 18..	Puritan.....	18	Gloucester, U.S.A. ....	Schr., wood, sail....	62
Nov. 17..	Phoenix..... (85,620).	22	Parrsboro,' N.S....	Schr., wood, sail..	397
Sept. 16..	Pearl..... (80,028)	25	St. John, N.B.....	Schr., wood, sail.....	47
Dec. 3 .	Pacific..... (111,639)	4	Lunenburg, N.S.....	Schr., wood, sail.....	99
July 30..	Polino..... (62,598)	8	Quebec, Que .....	Schr., iron, steam. ....	524
Dec. 26..	Pass of Melfort..... (98,683)	14	Glasgow, G.B .....	Ship, steel, sail. ....	2,196
" 2..	Prudent ..... (94,741)	17	St. John, N.B.....	Schr., wood, sail..	117
" 14..	Pearl Eveline..... (111,414)	5	Lunenburg, N.S.....	Schr., wood, sail.....	99
1904.					
July 12..	Potanoc..... (103,195)	10	Liverpool, N.S.....	Schr., wood, sail ..	231



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## Canadian and Foreign Sea-going Vessels in Canadian Waters, &amp;c.—Continued.

Port Sailed from. — Port Bound to.	Place where Casualty happened.	Nature of Casualty.	Lives lost.	Remarks.
				\$
New York, U.S.A., Halifax, N.S.	1 mile W.N.W. Pollock Rip Light, Ship Coast, Mass., U.S.A.	Collision.....		T'l. ship, 5,000 Cargo, 900
.....	Lat. 43° 50' N. Long. 58° 40' W.	Part of deck load lost..		
Baltimore, U. S. A., Buenos Ayres, Rosario.	Boca., Buenos Ayres. ....	Stranded.....		
Louisburg, C.B., Campbelton, N.B., New York, U.S.A.	About 50 miles S. E. of Cape Sable, N.S.	Lost part of deck load.....		
P.E.I., Port Mulgrave, N.S., St. John's, Newfoundland.	Galantry Head, St. Pierre, Miquelon.	Stranded.....		T'l. ship, 6,500 Cargo, 4,000
Seven Islands, Que., Quebec, Que.	1 mile from Crane Island, St. Lawrence	In collision with ss. <i>Lake Champlain</i> .....		185
Greenock, Scot., Buenos Ayres	Yarmouth, N.S. ....	Grounded on rock.....		Part,
Louisburg, C. B., Halifax, N.S.	Thrum Cap Shoal, entrance to Halifax Harbour.	Stranded.. ..		Part ship, 400 Cargo, 200
Capto de Gato, Spain, St. John, N.B.	Atlantic Ocean.....	Abandoned at sea.....		
Tacoma, Wash., U.S.A., Port Townsend, Wash., U.S.A., Victoria, B.C.	5 miles S.E. of Point Wilson, Puget Sound.	Shaft broke in steam tube. . .		Part, 1,500
Musquodoboit, N.S., New York, U.S.A.	Off Cape Cod, U.S.A. ....	3 Jibs blown away . . .		
Halifax, N.S., Summerside, P.E.I., Boston, U.S.A.	On passage from Summer- side to Boston.	1 boat smashed. . . . .		
Canso, N.S., fishing grounds, Canso, N.S.	Seal Ledge, N.S. ....	Stranded.....		Total.
Ste. Pierre, Miqu., N. Sydney, C.B., N.S.	Near Fourchie, C.B.: ....	Stranded . . . . .		Total.
Hastings, C.B., Souris, P.E.I., Grand Entry, N.S.	Grand Entry, Magdalen Is.	Stranded.....		T'l. ship, 1,000 Cargo, 237
Canso, N.S., Canso, N.S., Fishing Banks.	Shag Rocks, St. Andrews channel, Sts. of Canso, N.S.	Stranded.....		Total, 4,000
Hillsboro, N.B., New York, U.S.A.	Horse-shoe Shoals, Nantuc- ket Shoals, American Coast.	Stranded.. ..		Part, 200
Harvey, N.B., Grindstone Island, N.B.	Below Riverside, N.B. ....	Stranded.....		T'l. ship, 300 Cargo, 400
La Have, N.S., Crapaud, P.E.I., Boston, U.S.A., Quebec, Que., Montreal, Que.	Off Gloucester, Mass., U.S.A Becancour, Que. ....	Broke forestay . . . . . Stranded.....		Part, 100 Part, 2,000
Not known, Puget Sound, B.C.	Lat. 48° 55' 32" N., Long. 125° 32' 07" W., Western entrance to Barkley Sd., B.C.	Stranded.....	All h'ds lost	Total.
New York, N.Y., U.S.A., Sackville, N.B.	Flushing Bay, Long Island, U.S.A.	Collision. . . . .		Part, 500
Oporto, Portugal, Halifax, N.S.	On Banks off Newfoundland.	Lost rigging and spars. . . . .		Part, 1,703
Colon, San Blas Coast. ....	District of Panama.....	Stranded.....		Total, 6,000



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STATEMENT of Wrecks and Casualties reported as having occurred to British,

Date of Casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged. — Iron or Wood. — Steam or Sailing.	Register Tonnage.
1905.		Yrs			
Dec. 11..	Percy Cann. .... (100,531)	14	Yarmouth, N. S. ....	Schr., wood, steam. ....	56
1904.					
Aug. 20..	Pleiades.... (66,710)	30	Charlottetown, P. E. I. ....	Schr., wood, sail.. ....	38
1905.					
Oct. 5..	Quadra. .... (96,889)	14	Ottawa, Ont .....	Schr., steel, steam. ....	265
1906.					
Mar. 1..	Quetay..... (100,057)	15	St. John, N. B. ....	Schr., wood, sail.. ....	123
.....	Quickstep.....	...	Eastport., Me , U. S. A. ....	Schr., wood, sail.. ....	27
1900.					
Oct. 13..	Ripple..... (88,439)	21	Halifax, N. S. ....	Schr., wood, sail.....	20
1905.					
Nov. 29..	Rembrandt..... (101,292)	29	Sydney, N. S.. ..	Schr., wood, sail.....	1,413
Dec. 25..	Robert S. Bernard..... (80,394)	23	Parrsboro, N. S. ....	Bk., wood, sail.....	1,142
July 29..	Rosalind..... (115,274)	4	Liverpool, G. B.. ..	— steel, steam.....	1,634
Nov. 16..	Rescue..... (100,280)	13	Windsor, N. S. ....	Bark, wood, sail.....	321
1906.					
Jan. 3..	Richard.... (94,882)	15	Montreal, Que.....	Schr., wood, steam....	279
1905.					
July 1..	Salerno.....	21	Norwegian.. ..	Schr., iron, steam. ....	1,683
Aug. 11..	Silver Leaf..... (112,329)	2	Parrsboro, N. S. ....	Schr., wood, sail.....	283
Sept. 21..	Samuel Drake .... (90,632)	19	Charlottetown, P. E. I. ....	Schr., wood, sail.....	68
June 24..	Saxon.. .. (85,350)	22	Charlottetown, P. E. I. ....	Schr., wood, sail.....	79
July 21..	Shamrock .....	1	Victoria, B. C.. ..	None, wood, steam. ....	14
Sept. 11..	Still Water..... (79,998)	26	St. John, N. B. ....	Bk., wood, sail.....	1052
Dec. 3..	St. Lawrence .....	26	Montreal, Que.....	— wood, steam .....	313



## SESSIONAL PAPER No. 23

Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

Port Sailed from. — Port Bound to.	Place where Casualty happened.	Nature of Casualty.	Lives lost.	Remarks.
Port Mulgrave, Arichat, N.S.	Petit de Grat, N.S. ....	Stranded.....	.....	Part, 800
Picton, N.S., Charlottetown, P.E.I.	St. Peter's Is. Light., En- trance to Charlottetown, P.E.I.	Stranded.....	.....	Total, 700
Victoria, West Coast Point, Vancouver Island, B.C.	Lat. 48° 17' N., Long. 123° 32' W., Sts. of San Juan de Fuea.	Stranded.....	.....	Serious.
Weymouth, N.S., Boston, U.S.A. Eastport, Me., U.S.A., Yar- mouth, N.S., Magdalen Is- land, Que.	20 miles south of Mook Island, Me., U.S.A. 150 miles Westerly off Hali- fax, N.S.	Lost part of deckload of lum- ber, and foresail torn. Vessel sprang a leak after leaving Yarmouth, N.S.		
Arichat, N.S., Petite de Grat, N.S.	Petit de Grat, N.S. ....	Wrecked. . . . .	.....	Total, 150
Halifax, N.S., Louisburg, C.B., Halifax, N.S.	Lat. 44° 49' N., Long. 61° 48' W., Nova Scotia.	Broke from tug, Lost at sea.	All h'ds lost	} No inform- ation. Total, 10,000
Monte Video, New York, U.S.A.	Lat. 32° 30' N., Long 72° 20' W., E. coast of America.	Struck by water spout. ....	.....	
Newcastle-on-Tyne, St. John's, N.B.	Off Cape Race, Atlantic....	In Collision with schooner.	.....	No loss.
Jacksonville, Fla., Dorches- ter, N.B.	Lat. 32° 14' N., Long. 79° 23 W., Atlantic.	Oakum started, Vessel leaked and lost some sails.	.....	Part, 1,200
Port Hastings, C.B., Beaver Har., N.S., Yarmouth, N.S.	Crain Ledge, Blanche, N.S.	Stranded.. . . .	.....	Total.
Cadiz, Spain, Halifax, N.S.	Halifax Harbor, N.S. ....	Stranded.....	.....	Part, 1,735
New York, U.S.A., Diligent River, N.S.	Partridge Island, Bay of Fundy, N.S.	Stranded.....	.....	
Port Morien, N.S., Halifax, N.S.	Off Scatarie, N.S. ....	Foundered.. . . .	.....	Total.
Charlottetown, P.E.I., Souris, P.E.I., Estang du Nord.	North entrance to Estang du Nord., Magdalen Is.	Stranded.....	.....	Total, 800
In harbour, Victoria, B.C....	Spratts Wharf, Victoria Harbour, B.C.	Damaged by fire.....	.....	Part, 50
Barbados, B.W.I., Tur'k Is- land, B.W.I.	N.E. Reef off Grand Turk's Island, B.W.I.	Stranded.....	.....	Total, 12,000
.....	In harbour of Montreal ....	Boat sank owing to blow-off boiler pipe not having been plugged.	.....	Part, 7,000



6-7 EDWARD VII., A. 1907

STATEMENT of Wrecks and Casualties reported as having occurred to British,

Date of Casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged. — Iron or Wood. — Steam or Sailing.	Register Tonnage.
1905.		Yrs.			
Dec. 19..	Sakata . . . . . (116,901)	1	Parrsboro, N.S. . . . .	Schr., wood, sail . . . . .	395
1906.					
Jan. 11..	Shaffner Bros. . . . . (100,014)	11	Annapolis, N.S. . . . .	Schr., wood, sail . . . . .	148
" 11..	Scylla . . . . . (85,737)	23	Halifax, N.S. . . . .	Schr., wood, sail . . . . .	95
Mar. 16..	Sebago. . . . .	23	Boston, Mass., U.S.A. . . . .	Schr., wood, sail . . . . .	254
" 5..	Silver Leaf . . . . . (112,329)	3	Parrsboro, N.S. . . . .	Schr., wood, sail. . . . .	283
" 16..	Springfield. . . . . (85,593)	24	St. John, N.B. . . . .	Nil, wood, sail. . . . .	147
Jan. 24..	Sirocco . . . . . (100,059)	15	St. John, N.B. . . . .	Schr., wood, sail . . . . .	298
Mar. 22..	Sainte Marie. . . . . (83,440)	18	Lunenburg, N.S. . . . .	Schr., wood, sail. . . . .	148
June 19..	Silver Cloud . . . . . (80,784)		Digby, N.S. . . . .	Schr., wood, sail. . . . .	45
" 6..	Senator. . . . .	13	Gloucester, Mass., U.S.A. . . . .	Schr., wood, sail. . . . .	110
.....	St. Peter. . . . . (97,187)	15	Windsor, N.S. . . . .	Bktne., wood, sail. . . . .	551
April 30..	Selkirk . . . . . (147,095)	8	Victoria, B.C. . . . .	Sloop, wood, steam. . . . .	86
1905.					
June 12..	Tampican. . . . . (93,837)		Liverpool, G.B. . . . .	Schr., steel, steam . . . . .	3126
Sept. 13..	Togo. . . . . (116,741)	1	Halifax, N.S. . . . .	— wood, steam . . . . .	66
July 7..	Tyree . . . . . (97,096)	16	Lunenburg, N.S. . . . .	Schr., wood, sail. . . . .	285
Oct. 23..	Tordenskjold . . . . .		(Norwegian) . . . . .	Schr., steel, steam. . . . .	2,295
Dec. 16..	Tees . . . . . (95,929)	13	Victoria, B.C. . . . .	Fore and aft, steel, steam . . . . .	442
Nov. 8..	Transfer. . . . . (100,794)	12	Victoria, B.C. . . . .	Wood, steam . . . . .	98
Oct. 27..	Tyrian . . . . . (60,459)		Glasgow, G.B. . . . .	Iron, steam. . . . .	668
Nov. 10..	Turret Bell. . . . . (194,263)	11	Newcastle, G.B. . . . .	Schr., steel, steam . . . . .	1,375
1906.					
April 21..	Torr Head. . . . . (99,970)	11	Belfast, Ire. . . . .	Schr., iron, steam. . . . .	3,867
May 29..	Thetis . . . . . (42,322)	43	Halifax, N.S. . . . .	Schr., wood, sail . . . . .	92
" 20..	Themis. . . . .	9	London, Eng. . . . .	Schr., steel, steam. . . . .	1,209
" 1..	Tyree. . . . . (97,096)	15	Lunenburg, N.S. . . . .	Schr., wood, sail. . . . .	284
1905.					
Aug. 12..	Unique . . . . .	9	Tousberg, Norway. . . . .	Schr., steel, steam . . . . .	1,298
Nov. 28..	Urbain B. . . . . (83436)	18	Parrsboro, N.S. . . . .	Schr., wood, sail. . . . .	98



## SESSIONAL PAPER No. 23

Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

Port Sailed from. — Port Bound to.	Place where Casualty happened.	Nature of Casualty.	Lives lost.	Remarks.
				\$
Havana, Cuba, Pascagoula, Miss., U.S.A.	Lat. 28° 56' N., Long. 86° 10' W., Gulf of Mexico.	Capsized in a squall. ....	7	Total, 24,009
Gloucester, Mass., U.S.A., Winter Harbour, Me., U.S.A., Louisburg, C.B.	Lat. 44° 17' 57", Long 66° 23' 38", Bay of Fundy.	Stranded.. . . . .		Total, 5,000
Liscomb, N.S., Port Hast- ings, N.S.	3½ miles N. Port Hastings, N.S.	Vessel got into ice and was carried ashore.		Part, 1,700 (s.)
St. John, N.B., Philadelphia, Pa., U.S.A.	3 miles E. of Beaver Har- bour, N.B.	Stranded.... . . . .		Total, 8,000 (s.) 4,479 (c.)
New York, N.Y., U.S.A., Bridgewater, N.S.	Off Sambro, Halifax coast..	Lost sails... . . . .		Part, 400
Tied up for winter .. . . .	Rowan's Cove, north end St. John, N.B.	Caught fire from ss. <i>Bea- trice E. Waring.</i>		Part, 1,208
Havana, Mobile .. . . .	Opposite City of Mobile in Mobile River, U.S.A.	Collision..... . . . .		Unknown.
New York, U.S.A., Yar- mouth, N.S.	Bunker Island, near Yar- mouth, N.S., Bay of Fundy	Stranded..... . . . .		Total, 4,000
Digby, N.S., St. John, N.B.	Mispec Point, 9 miles S.E. from St. John, N.B.	Stranded..... . . . .		Total, 550
Gloucester, Mass., U.S.A....	Sydney River, Archibald's Head, N.S.	Stranded... . . . .		Part, 650
Hillsboro, N.B., Perth Am- boy, N.J., U.S.A.	Petitcodiac River, Calhoun's Point, N.B.	Stranded.. . . . .		Total, 10,000
Ladysmith, B.C., Tacoma, Wash., U.S.A.	Near Sydney, B.C.....	Stranded..... . . . .		Part, 7,000
Antwerp Holland, Montreal, Que., Leith.	Montreal Harbour, Que....	Stranded..... . . . .		
Tow boat in Halifax Harbour, N.S.	At G. S. Campbell & Co., wharf, Halifax, N. S.....	Damaged by fire .. . . .		Part, 2,000
(B) Havana, Gulf Port, Miss., U.S.A.	8 miles off Pensacola Light, Gulf of Mexico, U.S.A.	Foresail carried away by gale.		Part.
Sydney, N.S., Quebec, Que., Montreal, Que.	40 miles above Quebec, Que., St. Lawrence River.	Collision.. . . . .		Heavy damage
Victoria, B.C., Northern B. C. ports.	Entrance to Victoria Har- bour, B.C.	Propeller struck a log.....		
Steveston, B.C., New West- minster, B.C.	Fraser River, B.C.... . .	Collision with H.M.S. .... <i>Sheerwater.</i>		
Halifax, N.S., Sydney, C.B., Cabling.	10 miles N. by W. from Cape St. Lawrence, C.B.	Plng blew out of boiler, kill- ing 2 men.	2	
Montreal, Que., Port Hast- ings.	Port Hastings, C.B.....	Fouled by ss. <i>Amethyst</i> ....		Part, 1,598
New Orleans, U.S.A., Bel- fast, Ire.	371 miles south of Halifax, N.S.	Lost rudder..... . . . .		Part.
Summerside, P.E.I., Louis- burg, C.B.	Louisburg, C.B..... . . .	Stranding .. . . . .	3	Total.
Vancouver, B.C., Ladysmith, Skagway, B.C.	2nd Point North of Maud Isl., north end Seymour Narrows, B.C.	Stranded..... . . . .		
Halifax, N.S., Louisburg, C. B., Quebec, Que.	Rock Bay, Richmond Co., N.S.	Stranded..... . . . .		Part, 3,500
Pictou, N.S., Montreal, Que.	St. Croix, St. Lawrence....	Stranded..... . . . .		Part, 16,000
Parrsboro', N.S., Bridge- town, N.S.	N.E. Port George Break- water, N.S., Bay of Fundy.	Stranded. .... . . . .		Total, 1,500 (s) 688 (c)



6-7 EDWARD VII., A. 1907

STATEMENT of Wrecks and Casualties reported as having occurred to British,

Date of Casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged. — Iron or Wood. — Steam or Sailing.	Register Tonnage.
1905.		Yrs			
Sept. 29..	Universe.....			Iron, steam.....	..
May 15..	Viking..... (103504)	9	Lunenburg, N.S.....	Schr., wood, sail ..	96
Aug. 28..	Vendetta... .. (111,731)	3	Lunenburg, N.S ..	Sch., wood, sail.....	93
" 29..	Victorie..... (80,852)	25	Halifax, N.S.....	Schr., wood, sail .....	88
Sept. 1..	Virginian. . . . . (84,184)	23	Liverpool, G.B.....	Schr., iron, steam.....	3,165
.....	Valetta..... (90,752)	20	St. John, N.B ..	Schr., wood, sail....	99
1906.					
Jan. 22..	Valencia ... .. (25,998)	24	New York, N.Y.....	Schr., iron, steam. .	1,197
Sept. 1....	Victorian... .. (121,216)		Glasgow, G.E ..	Schr., steel, steam... ..	6743
1906.					
Jan. 11...	Vinita ... .. (116,508)	2	Lunenburg, N.S.....	Schr., wood, sail.....	168
" 23....	Venture ... .. (111,776)	4	Victoria, B.C.....	Schr., wood, steam.....	409
1903.					
July 30 ..	V. C. Co. No. 4..... (107,624)	8	New Westminster, B.C. . . .	None, wood, sail....	15
" 30...	V. C. Co. No. 5.... (107,624)	8	New Westminster, B.C. ....	Barge, wood, sail.....	21
1905.					
Dec. 7....	Willie B..... (73,962)	29	Liverpool, N.S.....	Schr., wood, sail .....	38
Nov. 3....	Wandrian .....	22	Parrsboro, N.S.....	Schr., wood, sail ..	311
Oct. 14....	White Wings..... (100,866)	12	Lunenburg, N.S.....	Bgtn., wood, sail.....	396
Dec. 20...	Wobun .....	3½	Pictou, N.S.....	Schr., steel, steam .....	990
1906.					
Jan. 12...	W. H. Baxter..... (117,162)	3 m	Windsor, N.S.....	Schr., steel, steam .....	331
Feb. 23...	W. R. Huntley. .... (100,105)	15	Parrsboro, N.S.....	Schr., wood, sail ..	167
April 5....	W. E. & W. L. Tuck....		American.....	Schr., wood. ....	395

Vessels.....	220
Tons .....	139,586
Damage.....	\$573,420
Lives lost.....	149



## SESSIONAL PAPER No. 23

Canadian and Foreign Sea-going Vessels in Canadian Waters, &c—*Continued.*

Port Sailed from. — Port Bound to.	Place where Casualty happened.	Nature of Casualty.	Live lost.	Remarks.
				\$
Montreal.....	Harbour of Montreal.....	In collision with barge <i>Batte.</i>	....	
Halifax, N.S., Bone Bay, Nfld.	Off Leigan Head, 46° 14' N., 60° 02' W.	Stranded.....	....	Part, 500
Lunenburg, N.S., Burine, Nfld. Fishing Banks.	30 miles N.N.E. from N.E. end of Sable Isl.	Damaged in gale. ....	...	Part, 900
Port Hastings, C.B., Souris, P.E.I., Grand Entry, M. Is.	In Grand Entry Harbour, Magdalen Isl.	Stranded.....	....	Total, 550
Antwerp, Quebec and Mont- real.	Crane Island, St. Lawrence River.	Stranded.....	....	Part unknown.
St. John, N.B., Boston, U. S.A.	St. John, N.B.....	Lost part of deck load....	....	
San Francisco, U.S.A., Vic- toria, B.C.	Shore of Vancouver Isl., near Clauswah, Lat. 48° 42' 30'' N., Long. 125° 01' 25'' W.	Stranded.....	117	Total loss.
Liverpool, N. S., Montreal, Que., Liverpool, N.S	Off Cape St. Charles, River, St. Lawrence, 40 miles above Que.	Stranded. ....	....	Serious dam- age to ship's bottom.
New York, Baracoa, Cuba, Philadelphia, U.S.A	Lat. 27° 34 N., Long. 74° 32 W. N. Atlantic.	Had Mainsail split.....	....	Part 10
Victoria, B. C., Vancouver, B.C., Victoria, B.C.	Gossip Reef, Gulf of Georgia, B.C.	Stranded.....	....	Part 2,500
Ladner, B.C.. . . . .	Near Anacortes, Wash., U. S. A.	Abandoned, old and leaky. . .	..	Total 100
Ladner, B.C.....	Near Anacortes, Wash., U. S. A.	Abandoned, old and leaky. . .	...	Total 100
Mulgrave, N. S., Port Hood, Margaree, N.S.	Entrance Margaree Har- bour, G. St. Lawrence.	Stranded.....	....	Trifling.
Tenny Cape, N. S., New York, U.S.A.	Off Seal Island.....	Lost 2 jibs.....	....	
Black River, Philadelphia, U.S.A.	Colorado Reefs, Strs. of Florida, near Cuba.	Stranded.....	....	Pt. ship, 2,000 cargo 2,000
St. John's, Nfld., North Syd- ney, St. John's, Nfld.	Off Flat Point, Sydney Har. Canada.	Bottom end of high press cylinder cracked .....	..	
Mobile, U. S. A., Havana Har.	Havana Harbour, Cuba.	Ran into by German s.s. <i>'Minnie Ham.'</i> .....	....	Part 2,750
Yarmouth, N.S., New York U. S. A.	Off Cape Ann, Mass., U. S. A.	Lost deckload.....	....	
Bridgewater, N. S., New York.	55 miles W. by N. from Seal Island, N. S.	Sprang a leak.....	....	Part 6,000



APPENDIX 44

STATEMENT showing the results of certain returns respecting Shipping and Discharging of Seamen, received by the Department of Marine and Fisheries, in accordance with the provisions of Chapter 74, Consolidated Statutes of Canada, from Shipping Masters throughout the Dominion, for the half year ended June 30 and December 31, 1906.

NOTE.—Names printed in italics are Shipping Masters appointed under the Act. The Collectors of Customs act as Shipping Masters. QUEBEC.

Name of Port.	Name of Country.	Name of Shipping Master.	For half-year ended June 30, 1906.		\$	cts.	For half-year ended December 31, 1906.		\$	cts.	Total Seamen Shipped.	Total Seamen Discharged.	Total Amount.
			Seamen Shipped.	Seamen Discharged.			Amount.	Seamen Shipped.					
Escoumains.....	Saguenay.....	Collector of Customs..											
Gaspé.....	Gaspé.....	<i>F. E. Eden</i> .....											
Magdalen Islands.....	".....	Collector of Customs..											
Montreal.....	Hochelaga.....	<i>Wm. Cunningham</i> ....	1,246	543	785 90	3,465	905	2,004 00	4,711	1,448	2,789 90		
New Richmond .....	Bonaventure.....	Collector of Customs..											
Paspebiac. ....	".....	".....											
Percé.....	Gaspé.....	".....											
Quebec.....	Quebec.....	<i>J. U. Gregory</i> .....	500	618	435 50		1	0 30	500	618	8 60	1	30
Rimouski.....	Rimouski.....	Collector of Customs.,	Nil	Nil		Nil							
St. Johns.....	St. Johns.....	".....											
Sorel.....	Richelieu.....	".....											
Three Rivers... ..	3 Riv. & St. Maur.,	".....											

NEW BRUNSWICK.

Alma.....	Albert.....	Collector of Customs..	Nil	Nil		Nil	Nil		
Bathurst .....	Gloucester.....	".....							
Buctouche.....	Kent.....	".....	Nil	Nil	Nil	Nil	Nil	Nil	
Chatham .....	Northumberland ..	<i>R. J. Walls</i> .....	10	2	5 60	50	12	28 60	34 50
Cocagne.....	Kent .....	Collector of Customs..							
Dalhousie.....	Restigouche.....	".....							
Dorchester.....	Westmorland .....	".....							
Fredericton .....	York .....	".....							
Grand Harbour .....	Charlotte.....	<i>D. J. W. McLaughlin</i>							
Harvey.....	Albert.....	Collector of Customs..							
Hillsborough.....	".....	".....							
Lepreaux.....	Charlotte .....	".....							11 10







STATEMENT showing returns respecting Shipping and Discharging of Seamen, &c.

NOVA SCOTIA—Continued.

Name of Port.	Name of County.	Name of Shipping Master.	For half-year ended June 30, 1906.			For half-year ended December 31, 1906.			Total Seamen Shipped.	Total Seamen Discharged.	Total Amount.
			Seamen Shipped.	Seamen Discharged.	Amount. \$ cts.	Seamen Shipped.	Seamen Discharged.	Amount. \$ cts.			
Isaac's Harbour	Guysboro'	Collector of Customs	1	0	0 50				1	0	0 50
Jordan Bay	Shelburne	"									
Lingan	Cape Breton	Mathew Roche									
Liscomb	Guysboro'	Collector of Customs	10	1	5 30	2	5	2 20	12	5	7 50
Little Bras d'Or	Cape Breton	"									
Liverpool	Queen's	I. V. Dexter									
Lockport	Shelburne	Collector of Customs	101	27	58 60				101	27	58 60
Londonderry	Colchester	"									
Louisburg	Cape Breton	W. L. Lewis	Return	was for 1 year.					372	286	270 80
Lunenburg	Lunenburg	Alfred Heisler									
Mahone Bay	"	Collector of Customs	112	32	65 60	115	31	66 80	227	63	132 40
Main-a-Dieu	Cape Breton	R. McDougall	Nil	Nil	Nil						
Maitland	Hants	Collector of Customs									
Margaree	Inverness	"									
Margaretsville	Annapolis	"	Nil	Nil	Nil			0 90	3	0 90	34 00
Merigomish	Pictou	"									
Meteghan	Digby	"	53	25	34 00						
Mulgrave	Guysboro'	"									
North-East Harbour	Shelburne	"	7	1	3 80				7	1	3 80
North Sidney	Cape Breton	Malcolm J. Ross									
Parrsboro	Cumberland	D. K. Holmes	177	131	127 80	164	162	130 60	341	293	258 40
Pictou	Pictou	John Waters	11	17	10 60	40	27	32 10	51	44	42 70
Port Gilbert	Digby	Collector of Customs									
Port Greville	Cumberland	"									
Port Hawkesbury	Inverness	James McLean				14	11	8 90	14	11	8 90
Port Hood	"	Collector of Customs									
Port la Tour	Shelburne	"									
Port Lorne	Annapolis	"									
Port Medway	Queen's	"									
Port Morien	Cape Breton	"							1	12	4 12
Port Williams	King's	"									
Pubnico	Yarmouth	"	Nil	Nil	Nil	Nil	Nil				
Pugwash											
Pt. Mulgrave	Guysboro'	M. J. Keating	6	7	5 10	12	14	11 20	18	21	16 30







APPENDIX 45

HARBOUR MASTERS.

TABLE showing the names of Ports proclaimed under certain Dominion Acts, the provisions of which are found in the Canada Shipping Act, chapter 113, Revised Statutes of Canada, 1906, for the appointment of harbour masters; the dates of proclamation; the names of the harbour masters appointed; the dates of the appointment of harbour masters; the amounts which each of their salaries is not to exceed; the amount of fees collected by each of them during the calendar year ended December 31, 1906, and the overplus, if any, paid to the credit of the Receiver General.

PROVINCE OF ONTARIO.

Name of Port.	Date of Proclamation.		Name of Harbour Master.	Date of Appointment.		Amount from the fees of office salary not to exceed.	Amount collected in 1906.	Amount paid over to Receiver General.
						\$ cts.	\$ cts.	\$ cts.
Amherstburg.....	Dec.	29, '06	M. Barrett.....	Dec.	29, '06	200 00	5 00	
Bronte . . . . .	Oct.	26, '05	James Wilson.....	Oct.	26, '05	200 00	.....	
Collingwood.....	Mar.	3, '77	Henry Foreman.....	May	5, '04	200 00	194 00	
Depot Harbour.....	May	30, '98	J. F. Pratt.....	June	15, '98	200 00	72 00	
Fort William.....	July	7, '91	James McAllister.....	May	12, '06	400 00	480 00	79 79
French River.....	June	20, '93	E. B. Barron.....	June	5, '06	200 00	28 00	
Goderich.....	April	22, '76	John R. Craigie.....	May	16, '05	300 00	62 50	
Little Current.....	July	19, '66	John T. May.....	July	19, '06	200 00	26 50	
Meaford.....	"	16, '02	Samuel McClain.....	"	16, '02	200 00	39 00	
Midland.....	"	22, '82	John White.....	"	13, '97	300 00	144 00	
Oshawa . . . . .	Aug.	10, '01	W. T. Henry.....	Aug.	10, '04	300 00	.....	
Parry Sound.....	Mar.	19, '83	J. D. Hall.....	Mar.	8, '06	200 00	82 00	
Penetanguishene.....	Feb.	2, '77	Peter Light.....	May	7, '06	200 00	12 00	
Port Arthur.....	May	12, '84	B. Guerard.....	"	21, '97	200 00	341 00	141 00
Port Stanley.....	Jan.	15, '98	Frank E. Shepard.....	Jan.	15, '98	200 00	56 00	
Rondeau.....	May	4, '78	W. R. Fellowes.....	"	1, '89	100 00	40 00	
Southampton.....	Sept.	23, '75	W. H. Johnson.....	Oct.	'82	100 00	36 00	
Sarnia.....	July	25, '85	Robt. McAdam.....	May	3, '86	300 00	Nil.	
Trenton.....	Nov.	12, '04	Oscar C. Lawson.....	Nov.	12, '04	200 00	.....	

PROVINCE OF QUEBEC.

Amherst . . . . .	Sept.	2, '78	John Cassidy.....	Sept.	2, '78	200 00	10 00
Anse aux Gascons.....	June	28, '05	J. Mourant . . . . .	June	28, '05	100 00	2 00
Bersimis.....	July	31, '91	L. Thibault.....	Dec.	13, '05	200 00	0 83
Bonaventure.....	June	5, '05	A. Bourque.....	June	5, '05	100 00	83 00
Caplan . . . . .	May	15, '05	T. Bujold.....	May	15, '05	100 00	.....
Carleton . . . . .	Dec.	8, '81	B. Leclerc.....	"	15, '05	200 00	Nil.
Chicoutimi.....	May	23, '85	Ainsworth Sturton . . .	June	8, '86	200 00	87 50
Escoumains.....	Oct.	27, '06	C. J. Belanger.....	Oct.	27, '06	200 00	Nil.
Grand Entry.....	Feb.	19, '92	John A. Chenell.....	June	21, '04	200 00	3 00
Grand River.....	April	3, '00	Geo. Beaudin . . . . .	April	3, '00	100 00	20 00
Gaspé.....	Sept.	25, '74	Francis G. Eden.. . . .	"	1, '89	500 00	.....
House Harbour.. . . .	Aug.	19, '87	C. Lafrance.....	Dec.	10, '96	200 00	27 00
Maria . . . . .	Mar.	29, '05	Arthur Cyr.....	Mar.	29, '05	100 00	10 00
Matane.....	Oct.	19, '77	L. J. Levasseur.....	Dec.	12, '96	200 00	88 00
Métis . . . . .	Feb.	7, '78	J. H. Ferguson.....	Mar.	10, '96	200 00	.....



SESSIONAL PAPER No. 23

TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Con.*  
PROVINCE OF QUEBEC—*Continued.*

Name of Port.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed	Amount collected in 1904.	Amount paid over to Receiver General.
				\$ cts.	\$ cts.	\$ cts.
New Carlisle.....	Feb. 25, '89	John Chisholm..	April 22, '02	100 00	Nil.	
New Richmond.....	April 3, '82	F. X. Cormier.....	" 15, '02	200 00	31 00	
Nouvelle .....	Jan. 3, '03	Joseph Casey .....	Jan. 3, '03	200 00	10 00	
Oak Bay.....	Mar. 22, '80	Thomas Harper.....	July 12, '04	200 00	40 00	
Paspebiac.....	May 23, '77	W. L. Kempffer... ..	Sept. 21, '00	150 00	47 00	
Percé... ..	Sept. 17, '03	E. Donoghue.....	Oct. 10, '03	100 00	Nil.	
Port Daniel.....	Mar. 25, '89	George McInnis.....	April 30, '03	200 00	16 00	
Rimouski .....	" 5, '77	A. P. St. Laurent.....	May 13, '96	200 00	69 00	
Rivière Ouelle.....	July 22, '82	Vacant .....				
Rivière du Loup.....	June 19, '00	F. E. Gilbert. . . . .	Oct. 5, '02	100 00	35 00	
St. Godefroi. ....	June 5, '05	J. Grenier .....	June 5, '05	100 00		
St. Thomas.....	Dec. 21, '85	L. Dionne.....	Oct. 22, '96	200 00	35 00	
*St. Johns.....		G. H. Farrar.....	Mar. 20, '97	550 00	863 00	313 00
*Sorel.....		J. A. Proulx.....	June 6, '01	400 00	524 50	124 50
Tadousac .....	June 6, '06	A. Gingras.....	June 6, '06	200 00	26 00	
Trois Pistoles. ....	Mar. 28, '98	Edouard T. Pettigrew..	April 11, '99	100 00	Nil.	

PROVINCE OF NEW BRUNSWICK.

Alma.....	May 2, '98	Gideon W. Parsons..	May 2, '98	100 00	14 00	
Bathurst.....	" 30, '73	N. Haché.....	April 14, '03	200 00	67 00	
Black's Harbour and Beaver Harbour.....	Sept. 22, '83	E. W. Cross.....	Sept. 17, '83	100 00		
Buctouche.....	May 30, '73	H. Hutchinson..	April 17, '97	100 00	21 00	
Campbellton.....	" 30, '73	G. E. Asker .....	May 5, '04	200 00	100 00	
Campobello. ....	" 30, '73	W. E. Sulis.....	Dec. 16, '92	100 00	Nil.	
Cape Tormentine..	" 9, '95	M. S. Treen.....	May 13, '01	200 00	58 00	
Caraquet.....	" 30, '73	J. A. Albert.....	Nov. 7, '05	150 00	4 50	
Chatham.....	" 30, '73	R. J. Walls.....	April 13, '98	300 00	30 00	
Cocagne.....	" 30, '73	J. T. Bourque .....	June 23, '05	100 00	0 50	
Dalhousie.....	" 30, '73	W. S. Smith.....	Mar. 19, '88	200 00	157 00	
Dorchester.....	" 30, '73	James Shea.....	Oct. 25, '00	200 00	19 00	
Fairhaven .....	July 30, '01	Alonzo Calder .....	July 39, '01	200 00	13 00	
Fredericton.....	" 30, '73	Vacant .....				
Grand Manan, North....	Aug. 22, '89	Newton L. Thomas.....	Oct. 9, '00	100 00		
Grand Manan, South....	" 22, '89	Turrer Ingalls.....	May 23, '01	100 00		
Gull Rock Channel.....	Jan. 14, '98	G. A. Johnson .....	April 27, '04	100 00	Nil.	
Great Shemogue.....	May 17, '75	Vacant .....				
Harvey.....	April 10, '75	Win. Wood .....	June 9, '03	100 00	30 00	
Heron Channel.....	July 15, '97	Duncan Robertson.....	July 15, '97	200 00	39 50	
Hillsborough.....	May 30, '73	John O'Shaughnessy....	April 13, '98	150 00	87 00	
Hopewell Cape.....	Aug. 25, '91	John H. Christopher....	June 26, '99	200 00	51 50	
Ledge St. Stephens.....	May 30, '73	W. McBean .....	" 12, '94	100 00	Nil	
Letete, .....	Sept. 15, '83	H. W. Harris .....	Feb. 16, '06	100 00	7 50	
Little Shippigan and Miscou Gully.....	April 19, '86	Joseph Beaudin.....	Oct. 27, '06	100 00	Nil.	
Little Shemogue .....	Sept. 5, '88	Vacant .....				
Moncton.....	May 30, '73	B. Toombs.....	April 12, '05	200 00	6 50	
Musquash .....	Mar. 26, '74	J. McNulty.....	Sept. 28, '96	100 00	29 00	
Newcastle.....	May 30, '73	John Russell .....	June 27, '04	300 00	143 00	
North Joggins .....	" 30, '73	Vacant .....				
Port Elgin & Baie Verte.	Feb. 6, '73	Andrew Grant.....	May 7, '01	200 00	2 50	
Pokenouche.....	June 23, '83	M. Landry.....	" 13, '01	100 00	Nil.	
Richibucto.....	May 30, '73	James Alexander Jardine	" 11, '74	200 00	28 50	
Rockland .....	" 30, '73	Vacant.....				
Sackville. ....	" 30, '73	E. Chase .....	May 11, '04	200 00	32 00	
St. Andrews.....	" 30, '73	John Wren.....	" 6, '84	100 00	95 00	
St. George. ....	" 30, '73	Geo. W. McKenzie.....	" 10, '00	100 00	38 50	
St. Martins and Quaco..	" 14, '74	G. R. McDonough.....	July 16, '02	100 00	40 00	
Shediac .....	" 30, '73	Alexander McQueen....	May 19, '76	300 00	57 00	

\* Within the harbour of Montreal, no proclamation is required by Act.



TABLE showing the names of Ports proclaimed under the Dominion Acts, &c —*Con.*  
PROVINCE OF NEW BRUNSWICK—*Continued.*

Name of Port.	Date of Proclama- tion.	Name of Harbour Master.	Date of Appoint- ment.	Amount from the fees of office salary not to exceed	Amount collected in 1906.	Amount paid over to Receiver General.
				\$ cts.	\$ cts.	\$ cts.
Shippigan .....	" 30, '73	James Degrace.....	April 14, '03	100 00	7 50	.....
Tracadie .....	July 16, '75	Theodore Savoy.....	Sept. 23, '99	100 00	2 00	.....
Waterside.....	Sept. 3, '89	W. C. Anderson.....	May 24, '01	100 00	6 00	.....
West Isles.....	July 30, '01	B. Simpson.....	Sept. 27, '01	200 00	20 00	.....

PROVINCE OF NOVA SCOTIA.

Abbot Harbour.....	May 23, '01	F. U. D'Entremont.....	May 23, '01	200 00	11 00	.....
Advocate.....	" 18, '80	E. L. Morris. ....	July 23, '06	100 00	12 50	.....
Annapolis.....	Mar. 12, '75	John Lindgren.....	" 7, '98	200 00	78 00	.....
Apple River.....	Aug. 5, '86	J. T. Spicer.....	June 4, '06	200 00	13 00	.....
Arichat.....	Apl. 22, '79	B. Gerrior.....	May 23, '01	200 00	44 50	.....
Baddeck.....	Sept. 23, '75	Angus B. Morrison.....	Aug. 3, '03	100 00	2 00	.....
Barrington.....	Apl. 1, '81	B. Kenney.....	July 6, '93	200 00	23 50	.....
Bayfield.....	July 11, '79	John McDonald.....	" 12, '79	200 00	Nil	.....
Bay St. Lawrence. ....	April 21, '87	B. J. Zwicker.....	April 21, '87	200 00	Nil.	.....
Bear River.....	Sept. 25, '74	Wm. McFadden.....	Sept. 27, '97	100 00	33 50	.....
Beaver Harbour.....	July 5, '80	Henry Hawbolt.....	" 22, '88	100 00	5 50	.....
Big Harbour.....	May 28, '83	Donald McKenzie.. ...	May 28, '83	100 00	Nil.	.....
Bridgewater.....	" 6, '74	William Oakes.....	Jan. 28, '96	100 00	154 50	.....
Big Bras d'Or.....	June 9, '03	James McLean.....	Aug. 13, '03	200 00	10 50	.....
Big Pond.....	Mar. 8, '06	M. A. McIsaac.....	Mar. 8, '06	200 00	.....	.....
Cape Canso.....	June 6, '76	G. Oliver.....	Feb. 14, '05	150 00	150 00	.....
Cape Negro or North East Harbour.....	May 18, '81	A. D. Perry.....	May 18, '81	200 00	9 00	.....
Chester.....	Aug. 18, '83	A. C. Corkum.....	July 8, '96	100 00	12 50	.....
Cheticamp.....	April 20, '76	Fulgence Aucoin.. ...	April 15, '76	100 00	6 00	.....
Clark's Harbour.....	June 1, '81	John G. Nickerson.....	Mar. 23, '04	200 00	36 00	.....
Clementsport.....	May 1, '77	J. LeCain.....	Oct. 18, '98	150 00	9 00	.....
County Line to Grand Narrows.....	May 28, '83	Vacant.....				.....
Crow Harbour.....	Sept. 30, '88	A. F. Ehler.....	Aug. 26, '97	100 00	Nil.	.....
D'Escousse.....	Jan. 23, '85	Michael Martell. ....	April 22, '02	100 00	9 50	.....
Digby.....	Feb. 19, '78	Howard Anderson.....	June 19, '02	200 00	77 50	.....
East Bay.....	Aug. 18, '83	Donald McInnis.....	April 5, '86	100 00	.....	.....
Fourchie.....	May 22, '89	J. A. McLean.....	Dec. 19, '05	100 00	3 00	.....
Gabarus.....	Mar. 3, '79	John W. Hardy.....	Nov. 2, '86	100 00	2 00	.....
Glasgow and Cape Breton Pier, Sydney.....	Oct. 30, '80	Angus McQuarrie.....	Oct. 30, '90	300 00	35 00	.....
Guysboro.....	Jan. 15, '89	Archibald M. Peart....	Feb. 11, '02	100 00	9 00	.....
Halifax.....	*	J. E. Butler.....	Sept. 21, '93	1,800 00	1,670 00	.....
Hantsport.....	June 27, '84	Wm. McCulloch.....	Jan. 17, '02	300 00	226 50	.....
Ingonish, North Bay....	Mar. 22, '81	J. Roberts.....	May 31, '05	200 00	.....	.....
" South Bay .....	Oct. 9, '84	James Doucette.....	April 30, '01	100 00	11 50	.....
Ingram River.....	Feb. 18, '02	Rand Gibbons.....	Feb. 18, '02	100 00	34 50	.....
International Pier, Syd- ney.....	Oct. 30, '80	Michael J. Neville.....	Oct. 30, '80	300 00	408 60	.....
Isaac's Harbour.....	" 30, '89	Thomas D. Cook.....	June 19, '00	100 00	16 50	.....
Jeddore.....	Sept. 20, '90	Enos Baker.....	Dec. 3, '03	100 00	16 50	.....
Jordan Bay.....	ct. 25, '76	Freeman P. Thorburn...	Mar. 11, '01	150 00	2 50	.....
Kelly Cove.....	Feb. 17, '99	Jos. B. Huskins.....	Feb. 17, '99	100 00	Nil.	.....
LaHave or Getson's Cove.	Mar. 12, '75	George Henry Zwicker..	" 25, '75	300 00	47 00	.....
L'Ardoise, Upper and Lower.....	Aug. 29, '84	George Burke.....	Aug. 29, '84	100 00	4 50	.....
Lingan.....	July 12, '81	Vacant.....				.....
Liscomb.....	May 18, '81	Lewis Wilson.....	Feb. 20, '00	200 00	12 50	.....
Little Bras d'Or Lake between McKay's Point and Grand Narrows....	April 25, '84	Daniel J. Campbell.....	Mar. 28, '05	100 00	Nil.	.....
Little Bras d'Or Lake from McKay's Point to Washadebuck River...	April 25, '84	Alex. J. McNeill.....	April 25, '84	100 00	Nil.	.....

\*No proclamation required. Port under a special Act.



## SESSIONAL PAPER No. 23

TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Con.*PROVINCE OF NOVA SCOTIA—*Continued.*

Name of Port.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed	Amount collected in 1906.	Amount paid over to Receiver General.
				\$ cts.	\$ cts.	\$ cts.
Little Glace Bay.....	Aug. 3, '74	E. Douglas Rigby.....	May 8, '84	200 00	16 50	.....
Little Narrows to Cranberry Point.....	May 28, '83	K. McLellan.....	Nov. 1, '97	100 00	1 50	.....
Liverpool.....	Jan. 19, '77	James Ryan.....	Dec. 22, '06	200 00	110 50	.....
Lockeport.....	May 18, '81	E. A. Capstick.....	May 18, '81	100 00	.....	.....
Louisburg.....	Mar. 17, '79	H. C. V. Lavatte.....	Oct. 13, '98	350 00	405 50	.....
Lunenburg.....	Dec. 3, '75	John Loye.....	Dec. 10, '96	150 00	150 50	.....
Mabou.....	June 23, '80	John McInnis.....	July 11, '00	100 00	9 50	.....
Mahone Bay.....	May 16, '87	J. A. Maddar.....	Jan. 21, '01	200 00	24 50	.....
McNair's Cove.....	Mar. 12, '75	Ronald McEachen.....	Mar. 8, '75	150 00	.....	.....
Main à Dieu.....	July 21, '86	Vacant.....		.....	.....	.....
Marble Mountain.....	" 26, '02	D. McDonald.....	July 26, '92	200 00	9 00	.....
Margaretsville.....	Mar. 26, '78	John McGranahan.....	May 29, '06	100 00	1 50	.....
Margaret's Bay.....	July 16, '75	Henry C. Garrison.....	Dec. 14, '01	100 00	2 00	.....
Margaree.....	June 5, '86	Miles A. Dunn.....	Feb. 14, '05	100 00	2 00	.....
Marie Joseph.....	Jan. 23, '95	Wm. Snow.....	Mar. 10, '06	100 00	.....	.....
Merigomish.....	Mar. 26, '78	D. McGregor.....	" 22, '93	100 00	3 00	.....
Meteghan Harbour.....	June 8, '97	James McLair.....	Oct. 8, '06	100 00	Nil.	.....
Meteghan River.....	" 8, '97	L. A. Comeau.....	June 1, '97	100 00	.....	.....
Musquodoboit.....	May 19, '82	Thos. Williams.....	May 31, '05	100 00	7 50	.....
New Haven.....	June 9, '83	H. A. McLeod.....	Aug. 17, '89	100 00	.....	.....
Neil's Harbour.....	April 11, '76	R. Payne.....	July 15, '05	100 00	3 00	.....
Noel.....	Sept. 30, '05	S. A. O'Brien.....	Sept. 30, '05	200 00	8 00	.....
Northport.....	June 27, '82	James Davis.....	Dec. 21, '03	100 00	31 00	.....
North-west Cove, Coleman's Cove and Aspotogan Harbour.....	Dec. 29, '76	P. Boutilier.....	June 30, '92	200 00	.....	.....
Parrsboro'.....	Oct. 22, '73	R. T. Smith.....	April 30, '01	300 00	236 00	.....
Petit de Grat.....	June 5, '95	S. Boudrot.....	June 5, '95	200 00	8 50	.....
Petite Rivière.....	" 23, '83	J. Nelson Parks.....	April 27, '88	100 00	3 00	.....
Plaster Harbour.....	May 6, '74	Vacant.....		.....	.....	.....
Port George.....	" 1, '77	Charles B. Weaver.....	May 1, '77	150 00	.....	.....
Port Greville.....	Mar. 5, '80	Wm. Cochrane.....	Oct. 26, '98	200 00	18 50	.....
Port Hawkesbury.....	July 9, '75	D. W. Henesey.....	July 9, '75	200 00	112 00	.....
Port Hood.....	" 9, '75	John H. Murphy.....	" 9, '75	200 00	1 50	.....
Port la Tour.....	April 14, '81	Wm. Sholds.....	Feb. 15, '98	200 00	14 00	.....
Port Lorne.....	Mar. 13, '86	Freeman Beardsley.....	June 9, '97	200 00	1 50	.....
Port Maitland.....	May 26, '85	Josiah Ellis.....	Dec. 10, '96	200 00	3 00	.....
Port Morien.....	Nov. 15, '79	Hector McDonald.....	Mar. 3, '79	400 00	15 00	.....
Port Mulgrave.....	Mar. 8, '76	Donald Kennedy.....	Sept. 9, '03	200 00	21 00	.....
Port Medway.....	June 25, '79	Jos. Hopkins.....	Feb. 13, '03	200 00	7 50	.....
Pubnico.....	Sept. 27, '82	D. Q. Amireau.....	Sept. 27, '82	100 00	45 50	.....
Pugwash.....	Oct. 22, '73	C. T. DeWolf.....	April 26, '95	100 00	59 50	.....
Riverport.....	Sept. 29, '84	T. J. C. Creaser.....	Jan. 8, '01	100 00	40 00	.....
River Bourgeoise.....	April 19, '86	E. C. Bouchie.....	April 19, '86	100 00	7 50	.....
River Hebert.....	July 24, '05	W. Y. Theal.....	July 24, '05	100 00	13 50	.....
River John.....	Mar. 26, '78	H. Campbell.....	June 1, '01	100 00	Nil.	.....
St. Ann's Bay.....	Sept. 21, '06	George E. Fader.....	Sept. 21, '06	200 00	39 50	.....
St. Ann's Harbour.....	Sept. 21, '06	Angus Carmichael.....	" 21, '06	200 00	.....	.....
St. Mary's River.....	May 18, '81	Thos. Mills.....		200 00	25 50	.....
St. Peter's.....	April 3, '82	Peter McNeil.....	Sept. 17, '83	200 00	82 50	.....
Sambro.....	Dec. 22, '79	Ben. Smith.....	May 27, '90	200 00	17 00	.....
Sheet Harbour.....	May 14, '74	H. Hall.....	April 11, '98	200 00	.....	.....
Shelburne.....	Aug. 27, '77	John C. Morrison.....	May 4, '97	200 00	143 50	.....
Ship Harbour.....	June 2, '84	Conrad Marks.....	June 2, '84	100 00	16 50	.....
Spencer's Island.....	May 22, '99	B. McLellan.....	May 22, '99	100 00	5 00	.....
Tangier.....	Nov. 14, '01	Chas. A. Hilchey.....	Nov. 14, '01	200 00	6 00	.....
Tatamagouche.....	Feb. 27, '78	Wm. Rielley.....	June 1, '00	200 00	Nil.	.....
Tenny Cape.....	Oct. 26, '05	Davis Lingard.....	Oct. 26, '05	200 00	8 00	.....
Tidnish.....	Aug. 30, '80	Vacant.....		.....	.....	.....
Tiverton.....	April 3, '00	Joel Blackford.....	April 3, '01	100 00	6 00	.....
Torbay.....	Aug. 25, '03	I. Fougère.....	Aug. 25, '03	200 00	15 50	.....
Tusket.....	Mar. 18, '75	Cyrille Doucette.....	Nov. 21, '02	100 00	.....	.....



6-7 EDWARD VII., A. 1907

TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Concluded.*

PROVINCE OF NOVA SCOTIA—*Continued.*

Name of Port.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed	Amount collected in 1906.	Amount paid over to Receiver General.
				\$ cts.	\$ cts.	\$ cts.
Tusket Wedge.....	Dec. 19, 99	James Leblanc.. ..	Mar. 16, '01	100 00	41 50	
Victoria Pier, South Bar, Sydney.....	July 25, '84	Ernest Richardson . . .	Nov. 1, '97	200 00	.....	
Wallace.....	Oct. 22, '73	James D. Patton . . . . .	Feb. 14, '98	100 00	2 00	
Walton.....	Oct. 26, '05	B. McCulloch . . . . .	Oct. 26, '05	200 00	39 50	
West Arichat.....	Aug. 20, '90	A. B. Poirier.....	" 7, '96	100 00	18 50	
West Bay.....	May 8, '84	Hector McInnis.....	May 26, '06	100 00	Nil.	
Westport.....	Mar. 8, '87	Geo. Welsh. . . . .	Jan. 29, '98	200 00	37 50	
Weymouth.....	May, 21, '94	R. Payson . . . . .	May 29, '97	200 00	75 00	
White Haven, or White Head . . . . .	Aug. 25, '03	And. Haley.....	Aug. 25, '03	200 00	24 50	
Whycocomagh.....	Oct. 29, '75	Neil McKinnon.....	Oct. 8, '75	100 00	.....	
Wolfville.....	Aug. 16, '01	J. L. Franklin.....	Aug. 16, '01	100 00	7 50	
Wood's Harbour.....	Feb. 19, '92	S. K. Woods.....	Feb. 19, '92	200 00	19 50	
Yarmouth. . . . .	Mar. 18, '75	Ebenezer Scott.....	Oct. 19, '77	250 00	240 50	

PROVINCE OF PRINCE EDWARD ISLAND.

Alberton. ....	July 15, '74	John Kinch.....	July 30, '01	200 00	3 50	
Bay Fortune . . . . .	April 10, '75	John R. Coffin.....	April 29, '78	200 00	.....	
Brudenell.....	July 25, '85	J. A. Gordon. . . . .	Oct. 26, '05	200 00	.....	
Cape Traverse . . . . .	May 23, '84	Vacant.....	.....	.....	.....	
Cardigan River, including Cardigan Bridge...	Aug. 9, '78	Hercules McDonald . . .	July 2, '78	200 00	.....	
Cardigan River, from head of river to north bank Mitchell River...	July 2, '78					
Cove Head.....	" 15, '80	Joseph Livingstone. ....	Nov. 14, '01	100 00	4 00	
Charlottetown and Hills-boro' River.....	June 17, '74	Vacant.....	.....	100 00	.....	
Crapaud.....	July 15, '74	David Small.....	Feb. 19, '77	400 00	103 00	
Egmont Bay.....	" 15, '74	Wesley Myers . . . . .	June 17, '74	200 00	2 00	
Georgetown. . . . .	" 17, '74	G. G. Henry.....	Dec. 3, '06	200 00	3 00	
Grand River . . . . .	" 17, '74	J. Westaway. . . . .	May 16, '04	200 00	27 00	
Grand River, down to and including Poplar Point and Chapel Wharf....	April 10, '75	Wm. Chas. Jenkins. . . .	" 4, '97	200 00	... ..	
Grand Tracadie.....	May 16, '79	Vacant.....	.....	.....	.....	
Malpeque.....	May 17, '75	John Clow.....	Feb. 7, '05	200 00	.....	
Miminegash . . . . .	July 10, '74	J. Champion.....	Dec. 10, '96	200 00	2 00	
Montague . . . . .	April 17, '80	J. McCormack.....	Sept. 28, '04	100 00	3 00	
Murray Harbour.....	July 15, '74	H. McPherson.....	May 5, '04	200 00	6 50	
Murray River.....	" 7, '74	Wm. Miller....	June 17, '74	200 00	8 00	
New London.. . . .	May 16, '79	Geo. McLeod.....	Feb. 9, '97	200 00	.....	
Pinette.....	July 15, '74	Wm. Bell.....	Aug. 25, '96	200 00	3 50	
Port Hill.....	" 15, '74	John D. McDonald . . . .	Oct. 22, '03	100 00	0 50	
Pownal.....	" 15, '74	Vacant . . . . .	.....	.....	.....	
Rollo Bay . . . . .	" 10, '79	Michael Haley.....	Mar. 30, '97	100 00	.....	
Rustico . . . . .	April 10, '75	Vacant.....	.....	200 00	.....	
St. Peter's Bay . . . . .	May 17, '75	Felix Buote.....	Mar. 1, '97	200 00	.....	
Souris East and West....	April 10, '75	George Barry.....	May 3, '06	200 00	Nil.	
Summerside . . . . .	" 10, '75	Cap. Jos. Tierney.....	" 15, '05	200 00	28 50	
Tignish . . . . .	July 15, '74	John Matheson.....	" 8, '97	200 00	32 00	
Tryon . . . . .	April 22, '90	Vacant.....	.....	.....	.....	
Vernon River Bridge....	" 12, '77	" . . . . .	.....	.....	.....	
West River.....	July 15, '74	John Finlay.....	Oct. 9, '84	200 00	2 00	
Wood Islands.....	May 5, '75	Vacant.....	.....	.....	.....	
	" 22, '99	James Young.....	May 22, '99	100 00	Nil.	



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TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Con.*  
PROVINCE OF BRITISH COLUMBIA.

Name of Port.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed.	Amount collected in 1906.	Amount paid over to Receiver General.
				\$ cts.	\$ cts.	\$ cts.
Chemainus.....	March 2, '97	L. G. Hill.....	April 24, '06	200 00	112 50	146 00
Comox.....	May 5, '96	Geo. H. Rowe.....	" 25, '96	200 00	346 00	
Ladysmith.....	Feb. 16, '06	W. G. Fraser.....		200 00	167 00	
Nanaimo and Departure Bay.....	April 10, '75	J. S. Knarston.....	Oct. 26, '05	500 00	271 00	
New Westminster.....	Jan. 23, '80	Wm. Rogers.....	Jan. 13, '05	400 00	123 00	
Quadra.....	April 17, '77	Vacant.....				
Vancouver, including Burrard Inlet.....	Feb. 22, '88	Malcolm McLeod.....	Jan. 14, '97	600 00	568 00	116 00
Victoria and Esquimalt.....	Mar. 20, '75	C. E. Clarke.....	Nov. 3, '94	600 00	716 00	

F. GOURDEAU,  
*Deputy Minister Marine and Fisheries.*



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## APPENDIX 46.

REPORT OF THE HARBOUR COMMISSIONERS OF MONTREAL FOR THE  
YEAR ENDING DECEMBER 31, 1906.

MONTREAL, August 14, 1907.

COL. F. GOURDEAU,  
Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—I have the honour, by direction of the Harbour Commissioners of Montreal, to forward herewith for the information of the Honourable the Minister of Marine and Fisheries, summarized statement of the operations of the corporation, for the year ended December 31, 1906, which covers the final year of administration under the former commissioners.

The harbour revenue was \$381,297.77, an increase of \$16,228.89 over that of the previous year. The increases were:—wharfages on imports, \$21,687.65; local wharfages, &c., \$130.88; rentals, &c., \$551.73; in all \$22,670.26, while the wharfages on exports decreased \$6,441.37, leaving the net increase as above.

The revenue from the grain elevator was \$6,885.76, a decrease from the previous year of \$5,537.77.

The cost of management, maintenance, and repairs was \$141,948.82, an increase of \$24,164.82 over the previous year. The increases were: harbour repairs, \$18,845.75, harbour dredging, maintenance, \$10,150.53, while the other disbursements on account of harbour revenue decreased \$4,831.46.

The interest on loans was \$325,485.14, of which \$270,241.50 was for harbour improvements, \$33,608.44 for the new steel sheds, and \$21,635.20 for the grain elevator.

The amount disbursed on capital account was \$580,967.04 of which \$2,174.02 was on account of the grain elevator, \$438,082.36 on account of the new steel sheds, and the balance, \$139,810.66, on account of harbour improvements.

In July, debentures amounting to \$250,000, bearing interest at 6 per cent per annum fell due and were retired by a loan obtained from the Government under the Act 6 Edward VII., chapter 35, which bears interest of 3 per cent per annum.

In addition the following loans were received:—\$50,000 under the Act 61 Victoria, chapter 47, and \$1,015,000 under the Act, 3 Edward VII., chapter 36, making a total of \$1,315,000.



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The bonded debt at the 31st December, 1906, was \$8,812,000, of which \$1,972,000 is due to the public, and \$6,840,000 due to the government, upon which the average rate of interest is 3.42 per cent.

The reports for the year of the Harbour Master, and the Chief Engineer, on the works for the improvement and maintenance of the harbour will be forwarded to you shortly.

I have the honour to be, sir,

Your obedient servant,

DAVID SEATH,  
*Secretary-Treasurer.*



HARBOUR COMMISSIONERS OF MONTREAL.  
SUMMARIZED STATEMENT of operations for the year ended December 31, 1906.

Balance and Receipts.	Revenue.	Capital.	Disbursement and Balance.	Revenue.	Capital.
	\$ cts.	\$ cts.		\$ cts.	\$ cts.
Balance from 1905.....		151,032 23	Buoys and Beacons .....	364 74	
Receipts, 1906.			Sundry accounts written off and compromised.....	378 85	
Collector of Customs :—			Refund of wharfages.....	557 45	
Wharfage dues on imports.....\$ 210,397 23			Annuity .....	600 00	
Wharfage dues on exports..... 97,365 32			Harbour Survey.....	1,957 04	
			Harbour lighting .....	7,362 12	
Wharfinger, local traffic, &c.....	307,762 55		Harbour dredging, maintenance.....	10,150 53	
Rental of harbour tracks and properties.....	53,146 54		Miscellaneous expenses, taxes, heating, printing, stationery, travelling, legal, notarial and other expenses.....	13,900 29	
Harbour repairs, work done.....	20,277 23		Administrative staff, salaries and fees.....	31,088 22	
	111 45		Harbour repairs, ( <i>See contra for credit</i> ).....	75,589 58	
	381,297 77		Interest.....	270,241 50	
Harbour Commissioners' grain elevator, elevating charges .....	6,885 76		Harbour Commissioners' grain elevator :—		
Chart account, chart sold. ....		36 35	Interest on cost.....\$ 21,635 20		
Sale of tug <i>St. Louis</i> .....		1,865 00	Wages, power, &c..... 20,863 83	42,499 03	78 80
Sale of damaged dredge No. 3.....		12,000 00	Plant account, expenses, sale of dredge No. 3.....		182 65
Security deposits from sundry contractors.....		1,576 85	Drilling and blasting boat.....		424 34
Plant account, depreciation in 1906.....		25,745 79	Concrete scow.....		474 90
Dominion Government, under Act 61 Vic., chap. 47..		50,000 00	Hochelega, construction .....		645 90
Dominion Government, under Act 6 Ed. VII, chap.35		250,000 00	Longue Pointe wharf.....		835 97
Dominion Government, under Act 3 Ed. VII, chap.36.		1,015,000 00	Harbour of Montreal .....		1,003 21
			Windmill Point basin.....		1,542 66
Balance and receipts on capital account ...		1,507,256 22	Windmill Point wharf raising .....		1,766 59
Receipts on revenue account .....		388,183 53	Spoil Bank, section 12 south.....		2,174 02
Total receipts.....		1,895,439 75	Grain elevator.....		6,740 65
Bank of Montreal, overdraft repaid February 4, 1907.		201,480 48	Plant account, expenditure in 1906.....		7,118 01
			Security deposits.....		9,538 17
			Windmill Point wharf. ....		10,273 42
			Great Northern Railway.....		11,319 04
			Harbour improvement.....		14,766 42
			Harbour railway.....		22,113 51
			Spoil Bank, sections 51 to 55.....		24,340 61
			Mackay Pier, new embankment. ....		33,763 82
			Ship channel in upper part of harbour .....		438,082 36
			New steel sheds.....		



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Disbursements on Capital account.....	587,185 05
Disbursements on Revenue account.....	454,689 35
Total disbursements.....	1,041,874 40
Debenture series O, due July 5, 1906, retired.....	44,000 00
Debenture series R, due July 5, 1906, retired....	204,500 00
Bank of Montreal, overdraft at Dec. 31, 1905.....	679,388 81
Balance at December 31, 1906:	
Cash on hand.....	\$ 1,242 59
Bank of Montreal, coupon ac- count .....	130 00
Bank of Montreal, debenture ac- count.....	1,500 00
Wharfages unpaid at Customs...	\$ 2,872 59
Discount on debenture H and J.	7,084 58
Sundry accounts receivable ..	14,644 23
Value of materials in stock .....	114,767 40
	159,163 49
Less:	\$ 298,532 29
Interest accrued and coupons outstanding. 147,938 01	
Outstanding accounts. 23,437 26	171,375 27
	127,157 02
	2,096,920 23

DAVID SEATH,  
*Secretary-Treasurer.*

Verified,  
RIDDELL & STEAD, C. A., *Auditors.*



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# REPORT OF THE WORKS FOR THE IMPROVEMENT AND MAINTENANCE OF THE HARBOUR OF MONTREAL FOR THE YEAR 1907.

*John Kennedy, M. Inst. C.E., Chief Engineer.*

HARBOUR COMMISSIONERS OF MONTREAL,  
CHIEF ENGINEER'S OFFICE,

MONTREAL, January 31, 1907.

DAVID SEATH, Esq., Secretary, &c.,  
Harbour Commissioners of Montreal.

DEAR SIR,—I beg to submit for the information of the Board of Harbour Commissioners, the following report upon the works in the harbour of Montreal for the year ended December 31, 1906.

## NEW WORKS.

The principal works carried on during the year were, the enlargement of the deep-water areas in the basins of the harbour and in St. Mary's current by dredging; the depositing of back filling on the Bickerdike pier, and along shore to protect banks and serve for future wharfs; the extension of the system of railway tracks on the wharfs and the continuation of the building of steel freight shed.

The principal details are as follows:—

*Section 1, downstream side of Victoria bridge abutment.*—A large quantity of filling materials, consisting of cellar excavations, ashes, road scrapings, &c., have been delivered free of cost to the Commissioners, from various sources in the city, and spread under direction of the Commissioners' men, to form an embankment for future wharf areas.

*Sections 5 S. to 11 S., inclusive, Bickerdike Pier.*—The work of extending the high-level wharf was resumed on April 26 by derricks, which began to deposit filling material on the front part of the pier, section 11 S., and the work was continued by one to three derricks until May 29, when 30,775 cubic yards, scow tally, had been deposited, approximately enough to complete the back filling of the pier. In addition 22,000 cubic yards, cart tally, of cellar excavations, ashes, &c., were brought from the city in carts, free of cost to the Commissioners, and deposited under the direction of the Commissioners' men. A part of this was built into a graded roadway ramp in section 10s adjoining the rear side of the pier, by which timber, lumber and other articles can be transferred from or to the water by wagons.

As the derrick filling of 1906 has not been levelled back, no addition has been made to the wharf space available for berthing ships, which remains as at the close of last year, viz.: a length of 2,500 feet measured from the upstream end of Windmill Point basin

*Section 4.*—A new roadway, 30 feet in width was made between Riverside street and the upper side of Windmill Point basin, and properly graded and macadamized.

## Expenditure in 1906—

Filling and grading .....	\$ 3,530 02
Dredged material for filling.....	7,550 81
Total.....	<hr/> \$11,080 83

*Sections 1 to 5.*—A fence was built from the Mill street sewerage pumping station to the abutment of the Victoria bridge, on the high-level along the boundary line between the harbour and the adjoining properties, as established by the decision of the Imperial Privy Council. Granite boundary stones were put in on this line, between August 24 and September 1.



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An area of harbour property, about 45,000 square feet in extent on sections 3 and 4, formerly occupied by the Grand Trunk Railway Company's sheds, was levelled and made available to let for piling space or other use in connection with the harbour.

Expenditure, \$445.97.

## RAILWAY TRACKS.

*Sections 4 N to 10 N.*—In January, two tracks were laid at the request of the Grand Trunk Railway Company, from their new elevators downwards, the two tracks together measuring 1,510 feet, or 0.2864 mile. The existing railway tracks on the north-west side of Windmill Point basin, from the upstream end of the new Grand Trunk elevator upwards, were rearranged, and 3,929 feet, or 0.7441 mile, of new track was laid at the request of the Grand Trunk Railway, early in the season.

Expenditure \$11,111.91.

*Sections 5 N and 6 N.*—Rearrangement of tracks was necessitated by the break in the culvert at the upper end of the Windmill Point wharf.

Expenditure, \$318.04.

*Sections 15 and 16.*—A new track was, at the request of the Canadian Pacific Railway, laid between the sides of steel sheds 7 and 9, King Edward pier, and the edge of the pier.

The track is designed for the loading and unloading of heavy goods direct from car to ship vice versa. The track is of 80 lb. steel rails, Am. Soc. C. E. section and measured from its junction with the shore wharf tracks to the outer end of the pier, is 1,315 feet, or 0.249 miles in length.

Expenditure, \$5,538.92.

*Sections 42 and 43.*—The siding built in a former year for the use of the Canadian Pacific Railway, was extended 477 feet down stream.

Expenditure, \$1,171.99.

*Sections 46 to 55.*—The railway embankment and track upon it, for use of the Great Northern Railway, which were almost completed at the end of 1905, were finished early in the spring of 1906. Opposite the property of the St. Lawrence Sugar Refinery, sections 46, a ramp which led to refinery property, was removed, the wharf graded to proper level and the new track extended in a straight line and connected with previously existing main line tracks on the wharf. The length of the new line, as finished, is 5,500 feet, or 1.04166 mile.

A siding was laid alongside the new main line from sections 46 to 48, at the request of the Great Northern Railway of Canada, from the St. Lawrence Sugar Refinery eastwards. It is of 80 lb. rails and 1,200 feet long from point to point of switches.

Expenditure in 1906 :—

Main track and embankment.....	\$4,340 46
Siding.....	2,773 38
Total.....	\$7,113 84

Mackay Pier.—A small portion of the tracks was levelled up at the end of July.

Expenditure, \$215.41.

## STEEL FREIGHT SHEDS.

The building of the steel freight sheds on the high-level wharfs and piers, sections 12 to 18 inclusive, was continued throughout the year. The chief items of work done and the general condition of each shed at the end of 1906, are as follows :—

Shed No. 2. At the end of 1906 the shed was fairly advanced, the scoria block paving had been laid on the lower floor, and the shed was in use by Messrs. H. and A. Allan. After the close of navigation, in November, 1906, the scoria block paving which was objected to by the shipping companies as being too rough for hand trucking, was taken up, and preparations made to lay a concrete floor.



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The reinforced concrete bed of the upper floor was in place, except the side strips, and the concrete roof and roof covering laid. Nearly all the steel work of the conveyor gallery was erected and its concrete flooring and roofing made. The corrugated iron covering of the end was partly erected, and the rolling up doors of the end ramps were up.

Shed No. 4, Alexandra pier. At the end of 1906 the steel work of the shed and conveyor gallery was nearly erected. The reinforced concrete bed of the upper floor and part of the concrete roof was laid. The earth-filling of the lower floor was in place and it had been covered with plank by the shipping companies and the lower storeys used for cargo throughout the summer.

Shed No. 7, King Edward pier. The steel work of the shed and its conveyor gallery was nearly all erected at the end of 1906. The overhang beams on the basin were cut so as to give sufficient clearance for a railway track between the shed and the edge of the wharf.

The concrete foundation bed of both the upper and the lower floors was laid except the side strips. The concrete roof of the shed and the concrete roof of the conveyor gallery was nearly all laid.

The lower floor of this shed was used by the shipping companies during the season of navigation.

Shed No. 8, King Edward pier. During 1906 the foundations of the shed were laid and the greater part of the steel work erected.

The concrete foundation bed of the upper floor, and the cinder concrete roof were nearly all laid. The shipping companies laid a temporary plank floor and used the lower floor of the shed during the greater part of the season of navigation.

Shed No. 9, King Edward Pier. The steel work of this shed and its conveyor gallery was nearly erected at the end of 1906. The overhang beams on the basin side were cut so as to give sufficient clearance for a railway track between the shed and the edge of the wharf.

The concrete foundation bed of both the upper and lower floor was laid except the side strips. The concrete roof of the shed and the concrete roof of the conveyor gallery were nearly laid.

The lower floor of the shed was used by the shipping companies during the season of navigation.

Shed No. 10, King Edward pier. During 1906, the foundation of this shed was laid, and most of the steel delivered on the ground but not erected. Some filling was done between the walls.

The surface of King Edward Pier, between the sheds was partly cut down so as to lay the tracks alongside of sheds to proper level.

Shed No. 12, Jacques Cartier pier. The only work done to this shed in 1906, was the erection of the steel work and the laying of the concrete roof. The shipping companies laid a temporary plank floor and used the lower floor, for the greater part of the season of navigation.

A large quantity of material had been delivered on the ground, but nothing had been done to the erection of any of the other seven sheds up to the end of 1906.

### DREDGING.

The dredging of the year was done in the following places:—

In the channel, above Victoria pier, leading to Lachine canal and to Windmill Point basin, sections 12 and 12 S. to section 20 inclusive; in the basins between the Lachine Canal entrances and the Alexandra pier; in the basins between the Alexandra, King Edward, Jacques Cartier and Victoria piers, and continuing the dredging of the new deep water channel between Victoria Pier and the Longueuil bar.

In the deepening of the basins, where the bottom is hard rock, it has generally been made to 29 feet at lowest water of 13 feet on the lock sill, which for basins where vessels move slowly equals more than 30 feet in the open channel where they are under way.



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The following are the details of the work :—

*Sections 12 and 13.*—Basin between the canal entrances and the Alexandra pier. The greater part of the basin was gone over and dredged to obtain 29 feet clear depth at 13 feet on the sill in 1905. Certain areas of rock that were found too hard to dredge economically were blasted, but had not been dredged at the end of the working season of 1905. The greater part of this blasted rock, and certain other shallow spots, were dredged in 1906. There now remains to be removed only a few small isolated obstructions to give a clear depth of 29 feet with 13 feet on the lock sill.

*Sections 14 and 15.*—Basin between the Alexandra and King Edward piers. A small area opposite the outer end of Alexandra pier. Section 14, and a small area in the basin and also strips alongside Alexandra and King Edward piers, section 15, were dredged to obtain the clear depth of 29 feet of 13 feet on the sill. The actual depth has not been tested, but little work remains to be done.

*Sections 16 and 17.*—One, and in places two dredge cuts have been made alongside the wharfs and piers, in the basin, to complete the 29 feet depth at 13 feet on the sill, close up to the berths. This dredging has not yet been tested.

*Section 19.*—Strips alongside part of the shore wharf and alongside part of Jacques Cartier pier, and also a lump in the basin near the outer end of the pier, were dredged to complete the depth to 29 feet at 13 feet on the sill, but have not yet been tested.

*Section 20.*—A small area of shallow water opposite the outer point of Victoria pier, which obstructed the entrance to the basin section 19, has been dredged to make 29 feet depth, but has not been tested.

*Main channel, sections 12, 13, 14 and 14 S.*—Dredging was continued here to complete a clear depth of 29 feet at 13 feet on the sill. Several isolated lumps of rock were taken off and also the area of rock blasted last year. Testing, at the close of the year, indicated, still a few stones to be lifted.

*Sections 17 S., 18 S. and 20 S.*—Small areas on these sections, on the south side of the channel towards the Mackay Pier, have been dredged to make 29 feet at 13 feet on the sill, but has not yet been tested.

*Sections 21 to 46, Ship Channel, Victoria Pier to Longueuil Bar.*—The work of providing a deep channel through the St. Mary's current, called for the present "the New Ship channel through St. Mary's current," was continued throughout the season, as stated in last year's report. The work consists of deepening a channel lying to the north-west, or city side of the present ship channel, for the greater part of the length, adjoining the old channel just below the Victoria pier and about opposite section 46, of the minimum breadth of 450 feet and of 30 feet depth at extreme low water of 13 feet on the lock sill. Dredging was resumed on the opening of navigation and continued until the close of the season. Two dredges were employed most of the time and the area worked upon was that between sections 21 and 42. Certain lumps that remained in the dredged part of the channel at the end of 1905 were removed, and the main cutting was continued upstream until at the beginning of October. The new channel had been finished and tested to a width of 450 feet, and a clear depth of 30 feet at 13 feet 7 inches on the sill, (the depth to which the 30 foot channel in the river is being dredged by the Department of Marine and Fisheries) from the Longueuil bar to its junction near Victoria pier, with the present channel of 25 feet 3 inches at 13 feet on the sill. At its upstream junction with the old channel, and between that channel and the wharf, there was sufficient width of deep water (300 to 600 feet width) to allow the traffic to pass through the new channel. On October 5, four steamship pilots were taken through the new 30 foot channel on a Harbour Commissioners' tug, and at later intervals, any other pilots who wished, were taken through at any time they applied. Altogether, thirty pilots were shown through; and they expressed themselves as well pleased with the currents, marks and other conditions for navigating the new 30 foot channel. During the remainder of the season of navigation the new channel was used by many of the large ships.

*Sections 43 to 47.*—Considerable deepening was done by the W. J. Poupore Company in the basin above and that below the Tarte pier, and below the Sutherland pier, to procure material for the filling of the Tarte pier. This deepening was done free of



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cost to the Harbour Commissioners, the Poupore Company being allowed to use the dredged material for filling.

*Section 47, Maisonneuve.*—A small quantity of deepening, by dredging, was done for the immediate purpose of obtaining sand for blinding the roadways.

*Mackay Pier.*—A large part of the material, dredged from the harbour, in sections 4 to 24, was deposited on the lower 1,200 feet of the Mackay pier, to protect the pier, (making a bank for a railway ramp to low level), and to avoid the long haul of the materials to Maisonneuve, there being no nearer available place for dumping. The rocky and durable materials were dumped on the outside and on the downstream end of the pier, and the softer, put inside.

Expenditure, \$24,340.61.

*Sections 47 to 51.*—Almost the whole dredgings raised from the harbour basins and the ship channel during the year, apart from that placed on the Mackay pier, and a small quantity for building roadways, were deposited along shore sections 47 to 51 ; the gravelly and harder materials were placed along the outer or river side of the railway embankment used by the Great Northern Railway of Canada, and the soft material was thrown over the bank to fill the large vacant spaces existing in certain places, on the harbour property between the shore and the railway embankment.

Expenditure, \$22,113.51.

GENERAL NOTES.

*Montreal Warehousing Co's. Elevator, Section 9 N. Windmill Point Wharf.*—The new steel elevator, built by the Montreal Warehousing Co., which was nearly completed at the end of 1905, was finished in the spring of 1906. The opening ceremony took place on April 28, after which the elevator was put into regular use.

MAINTENANCE AND REPAIRS.

The total cost of maintenance and repairs to harbour works in 1906, including the cost of removing the ice given below, is \$75,589.58, and it compares as follows with the expenditure of former years.

1875.....	\$16,499	1891.....	\$49,109
1876.....	35,711	1892.....	72,179
1877.....	26,077	1893.....	58,644
1878.....	18,974	1894.....	75,455
1879.....	18,819	1895.....	50,081
1880.....	17,330	1896.....	55,211
1881.....	16,159	1897.....	46,259
1882.....	27,962	1898.....	58,847
1883.....	35,678	1899.....	52,252
1884.....	44,869	1900.....	42,679
1885.....	42,158	1901.....	79,461
1886.....	64,986	1902.....	71,109
1887.....	64,984	1903.....	123,097
1888.....	49,520	1904.....	82,857
1889.....	51,892	1905.....	56,631
1890.....	59,380	1906.....	75,590

*The breaking up of the ice.—Spring of 1906.*—The ice formed in the fall of 1905 with less packing and shoving than usual. There was no ice-road during the winter of 1905-1906 from Montreal to Laprairie, nor from Montreal to St. Lambert, but there was one from Longueuil to Hochelaga. On March 20th the spring movement of the ice began. Local openings appeared and closed again and several local movements of the ice took place between Longueuil and the upper end of Nun's Island, accompanied by only moderate fluctuations of the water level until April 7, when the water stood at 27



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feet 6 inches on lock sill. The main shove of the spring then occurred. The water rose six feet in fifteen minutes and eight inches more in the next fifteen minutes, reaching 34 feet 2 inches on the sill, the highest level of the spring of 1906. There was no further shoving of importance. The water lowered rapidly and almost continuously until April 9 at noon, when it had lowered to 25 feet 6 inches on the sill. It continued to lower, but more slowly until April 19 when it reached 17 feet 9 inches on the sill, an unusually low stage for spring. During the shoving, the ice did not move appreciable in the basin of the harbour within the McKay pier, sections 4 to 14, but on the sudden rise in the outer harbour on April 7 the water rushed in within Mackay pier and Jacques Cartier pier with such force as to move the whole field of ice between the end of the basins and Mackay pier upwards and carry with it the Commissioners boom and inclosed timber, and to sweep loose sticks long distances, under the ice-sheet on the Point St. Charles shoals.

The general shoving having been light and the water having risen only to a moderate extent, only a comparatively small quantity of ice was left upon the wharfs.

From the head of the harbour, down to the Victoria pier, section 20, that is, within the area protected by the Mackay pier, the wharfs were left practically clear. On the Victoria pier, section 20, an area of 150 feet by half the width of the pier, was covered with ice to an average depth of 8 feet. At the island ferry berth, an area of 60 feet by 15 feet was covered with ice to an average thickness of 3 feet. From the Victoria pier, section 20, to the rubber factory, section 27, ice was piled along the front of the wharf, extending back from the edge an average distance of 45 feet and about 4 feet average thickness. From the rubber factory, section 27, to the coal towers, section 34, the ice was piled along the front of the wharf extending back from the edge an average distance of 40 feet and about 3 feet average thickness. From the coal towers, section 34, to the Laurier pier, section 43, the ice was piled along the edge of the wharf, extending back from the front an average distance of 25 feet and about 6 feet average thickness.

Two thirds of the Laurier pier, section 43, was covered with ice for the full width to an average depth of 5 feet. About 40 feet of the outer end of the Sutherland pier, section 46, for its full width, was covered with ice 3 feet average thickness.

The removal of the ice from the Longueuil ferry berth was begun on April 14, and the ferry boat began the regular trips on the 16th, at which date the steamer *Prefontaine* arrived from Sorel.

The removal of the ice from the Victoria pier was begun on April 16, and at other points where necessary, and the whole work of ice removal was completed on May 3.

The largest number of men employed at one time was 68 as compared with 35 in the spring of 1905, 364 in 1904 and 700 in the spring of 1903.

Expenditure..... \$1,948.18

The general cleaning of the wharfs of winter rubbish, and placing the mooring posts, lights, &c., was commenced on April 16.

The principal repairs to the wharfs which were carried out throughout the summer were as follows:

*Section 4, Culvert from Ogilvie Flour Mills.*—The screen at the mouth of the culvert to break the force of the current, was repaired twice.

*Sections 4 to 8, Windmill Point Wharf.*—The iron ladders were renewed from the offset in the wharf, opposite Black's bridge, to the upper end of the basin.

*Section 5, Ogilvie Street.*—Ogilvie street, from Mill street to the wharf, was graded, macadamized and rolled with a steam roller. Work began June 27th, and was finished July 4th.

*Section 6, Raceway from Peck Rolling Mills.*—Raceway No. 6, carrying water from the Mills on Mill street, under the wharf and into the Windmill Point basin, failed on the 17th of September. Work was immediately begun repairing it, and the work was still under way at the end of the year.

An examination by diver, of all the culverts through the Windmill Point wharf was made, and all were found in good condition except Raceway No. 1, opposite Blacks bridge, which failed in 1904 and which was, in part, repaired, and Raceway No. 6 from the Peck Rolling mills which failed in September of this year, as stated above.



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When examining the condition of the culverts, the condition of the cribwork of the wharf was also examined and it was found to be sound and good, except for a length of 125 feet of the wharf immediately below Raceway No. 7 which was found to be undermined and 2 to 3 feet off the bottom.

This space was partly underpinned with concrete in bags, but the weather becoming cold, the work was abandoned until the spring.

Expenditure in 1906, \$14,976.95.

*Section 8, Windmill Point Wharf.*—A small undermining at the corner of the wharf in Section 8, was filled with concrete in bags.

*Section 8, Intercolonial Coal Co's allotment.*—The space allotted to the International Coal Co., for piling coal, was graded and rolled. Work was begun April 24, and was finished May 21.

*Section 11.*—Between the two entrances of the Lachine canal, about 25 feet, of the top planking of the wharf which had been carried away by the ice, was renewed.

*Section 14, Alexandra Pier.*—The iron ladders, which reach from the water level to the top of the pier, were repaired and renewed throughout.

*Section 16, King Edward Pier.*—The hardwood plank, on the downstream corner of the pier, which was torn off by the ice, was renewed.

*Section 18, Jacques Cartier Pier.*—The downstream side of the pier was damaged by the ice. The face timbers were broken in and the ends damaged for an aggregate length of 125 feet, and about 8 courses in height. The break was thoroughly repaired.

The hardwood plank of the outer downstream corner, which was also torn off by the ice, was renewed.

The iron ladders were renewed on both sides and the outer end of the pier.

*Section 19, Shore Wharf.*—The face timbers of the wharf were broken in by the ice, and the top planking and sleepers lifted and broken.

The ends were "broomed" and smashed and the longitudinals displaced and broken. The damage aggregated about 300 feet in length and varied in height from 12 inches to 2 feet. The whole was thoroughly repaired and put in good order.

*Section 20a, Victoria Pier.*—The piles forming the corner of the wharf at the Terrebonne's berth were broken by the ice. The old piles, which were broken were pulled out and elm piles driven in their place, and well bolted to the wharf. The iron ladders on the upstream side of the pier, which were broken, were put in good order.

*Section 20 B.*—Sundry repairs were made to the outer end of Victoria pier. The floor planking was renewed and new coping put on, for a length of 75 feet, and some repairs were made to the top and face plank elsewhere.

*Section 20 U.*—Twenty-five pieces of new face plank were placed on the downstream end of the pier, and the outer corner was protected by being re-enforced with hemlock plank put on horizontally.

*Section 20 E.*—The work of completing the extensive repair to the inshore side of the pier, which was begun in 1904 and continued in 1905, was resumed as early in the season as the river level would permit.

The piles to within 50 feet of the upstream end had been cut off below where they were rotten in the fall of 1905, a few of the new tops had been put on the piles so cut, and some new caps were put on, when the raising river forced the abandonment of the work until the spring.

In the spring of 1906 new heads were spliced on the tops of the piles, new floor beams and joists were built on top, and the planking relaid. Work began April 15 and was finished May 28. Some necessary bracing was done in July.

A slip was made in the shore wharf, section 20, for the use of the steamer *Pre-fontaine*.

A slip was made in the inshore of the pier for the accommodation of the steamer *Gaspesian*, in October.

*Section 20, Berri St. Ramp.*—The guard timbers on the upstream and downstream slopes of the ramp, were repaired and renewed in part.

*Sections 20 to 23.*—One hundred and thirty piles were driven along the face of the wharf, to replace rotten ones, some of which had been broken and others which had been carried away by the ice.



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The upper three courses of the wharf for a length of 300 feet had been broken by the ice and were thoroughly repaired, new face timber, sleepers and top planking were put on.

Thirty feet of new coping was put on the upstream pony crib of the new wharf, section 23. The work was done during the month of May.

*Sections 24 to 27.*—The front and top of the wharf in these sections, were rotten in part and broken by the ice in part. An aggregate of 625 lin. feet of new coping was put on, 700 lin. feet of the face was replanked, 250 lin. feet of the wharf had new sleepers under the top planking put on, and 500 lin. feet of the top of the wharf was replanked. The work began May 1, and was finished May 12.

*Sections 28 to 30.*—The face planking of the wharf, for 3 feet down from the top and for an aggregate length of 127 feet, was renewed. Two hundred lin. feet of new coping was put on, the top plank renewed for an aggregate length of 100 feet, and the corner of the wharf reinforced with hardwood plank. The work was done in May and July.

*Sections 31 to 34.*—An aggregate of 550 lin. feet of new coping was put on, new sleepers under the top planking were put in for 200 lin. feet of the wharf, and the planking relaid.

Hundred and twenty-five piles were driven along the front of the wharf, cut off near the water line, and bolted to the wharf, a waling piece put on the tops of the piles and the face of the wharf between the waling piece and the coping was re-planked for a length of 250 feet.

A repair was made to the corners of the slip of the Longueuil ferry and also to the corners of the slip at the Boucherville ferry berth.

*Section 35, cattle space.*—Three hundred and twenty-five lin. feet of the front of the wharf was rebuilt for seven courses down from the top. The three top courses had been broken by the ice, and the remaining four courses had become rotten and shaky.

New cross and longitudinal ties were put in, new sleepers and top and face planking put on.

## THE MOORING POSTS WERE RE-SET.

*Sections 35 to 37, Dominion Coal Co's. Tower, Hochelaga.*—After the lowering of the river in spring a length of 70 feet of the wharf was found to be somewhat sunken. On examination by diver, the cribwork was found to be sound, but undermined by the winter scour.

35 piles were driven along the front, close together; these were cut off near the water line, bolted to the wharf and a cap or waling piece put along their tops. The coping was renewed and the top and face planking re-laid.

*Sections 40 to 43, Shore Wharf and Laurier Pier.*—The downstream corner of the pier was re-inforced with hardwood plank, the ladders throughout the pier were renewed and repaired, 30 lin. feet of new coping was put on and some small repairs made to the face and top planking.

*Section 46, Sutherland Pier.*—The whole length of the upper part of the downstream side of the pier and of the adjoining shore wharf, altogether 650 lin. feet, which had become much decayed were re-built for an average of four courses from the top. The top planking was reduced from 12 to 7 feet in width, and a large portion of the old sleepers was again used, the wood being sound.

Some of the top planking was re-laid with the plank which had been removed in re-building the wharf, and an aggregate of 400 lin. feet was planked with new plank.

A steel plate was placed on the upstream corner for protection against ice shoves.

225 feet hemlock coping was put on the upstream side and the face plank renewed in many places.

*Sections 61 and 62, Racine Wharf.*—Wharf at Locomotive and Machine Co's. property.

The filling at the downstream end had run out of the pony crib and undermined the tracks to a small extent.



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The planking of the top was removed and the crib filled with rock by a derrick, the track well packed and the top planking replaced.

*Section 74, Lemay Wharf.*—A small repair was made to the slip in the wharf opposite the property of the St. Jean de Dieu Asylum.

4 scow loads of rock filling were put on the pier to replace the filling which had been scoured out.

*Section 75, Doran Wharf.*—Wharf opposite Longue Pointe Church.

The whole of the downstream side had the face planking renewed, two top timbers and the coping of the upstream side were renewed, and the flooring and side of the slip in the wharf were replanked.

GENERAL REPAIRS AND PATCHING.

The general repairing of the planking and timber work of the wharfs, which began on May 5, was carried on during the whole summer, and extended practically throughout the harbour, the bulk of which, however, was between the Victoria pier, section 20, and the Sutherland pier, section 46.

*Roadways on the Wharfs.*—The usual repairs and maintenance of the roadways of the wharfs throughout the harbour were begun on April 21, and stopped on November 28.

*Latrines and Drinking Troughs.*—The latrines of the low level wharfs which were stored away for the winter, were repaired and painted in the early spring and placed in position and the water service connected with them, and also with the water troughs, between April 28 and May 26. They were disconnected and stored away for the winter at the end of December. New wooden catch-basins were put under the drinking taps outside of the latrines.

The usual sweeping, scraping and watering of the wharfs was carried on throughout the season. The repairing of the wharf plant and tools was done in the commissioners yard, Papineau Avenue. The water carts, road scrapers, carts, sleighs, &c., were kept in thorough good order. The picks and other small tools were repaired in the blacksmith's shop and a large quantity of other smithwork required for wharf repairs was also done there.

*Macadamizing stone.*—The stone for macadamizing roadways were, in 1904, delivered unbroken by the contractor, and broken by the harbour commissioners' own men. The quantities used during the summer for maintenance were :—

	Tons of 2,000 lbs.
Sections 5 S and 6 S.....	493
“ 4 N to 10 N.....	664
“ 12 “ 19.....	2,359
“ 20 “ 27.....	997
“ 28 “ 34.....	277
“ 35 “ 38.....	353
“ 39 “ 46.....	187
Total.....	5,330

*Electric lighting*—The lighting of the wharfs was continued throughout the summer by the Montreal Light, Heat and Power Co., under contract.

Lighting commenced on April 31 with 61 lamps.

On May 1 the number was increased to.....	72
“ 2 “ “.....	85
“ 3 “ “.....	94
“ 5 “ “.....	105
“ 10 “ “.....	138

and on June 14, the whole circuit of 165 lamps was in operation. The largest number of lamps, burning at any one time was 167, which included two special lamps at the



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repair shop, being carried on at Raceway No. 7, Windmill point. All the lamps were kept in operation until the night of December 7, when the number was reduced to 124.

This number was further reduced to 87 lamps on December 11, and on December 26, the lighting was discontinued for the season, with the exception of three lamps which were kept burning at Raceway No. 7.

The total lighting of the season was equivalent to 36,913 lamps burning one night.

The cost of lighting was ..... \$7,362 12

*Buoys and Beacons.*—Three black spar buoys to mark out the south side of the channel between lower end of Windmill Point basin and the Mackay pier, were placed and maintained during the season.

A red spar buoy was placed on the north side of the Longueuil bar, to mark out the end of the shoal at the Sutherland pier.

Four red buoys and seven black buoys were placed and maintained until the end of the season, in the new ship channel leading from Longue Pointe to the new wharf opposite the locomotive works, section 62.

Two rectangular beacons were placed by the commissioners at sections 41 and 42 to mark the line which leads from the ship channel into the upper part of the harbour. Red lights were maintained on these beacons by the Department of Marine and Fisheries, and also on two poles which were erected by the department at Bellerive Park, sections 31 and 32.

The following beacons were put up to mark out the new 30 feet channel through the north side of the current St. Mary, viz.: a pair of rectangular beacons, one in rear of section 34 and the other on section 35, showing the new ship channel from the upper side of the Longueuil bar inward, towards section 35; another pair of rectangular beacons, one on section 43 and the other on section 46 showing the new channel from the latter reach upstream to section 30; and a third pair of rectangular beacons on section 38 showing the new ship channel from section 30, also upstream, into the part of the harbour above Victoria pier.

*Maintenance dredging.*—Dredging for maintaining the harbour in 1906 was as follows:—

*Sections 5 S to 7 S inclusive*, southeast side half of Windmill Point basin and Sections 5 to 7 inclusive of the northwest side of the same basin were dredged over the greater part of their area to make a clear depth of 25 ft. 3 in. at 13 ft. on the sill. The dredging consisted of clearing out of various deposits that had accumulated during the last ten years chiefly from the Mill Street sewer and raceways from the Lachine canal and from coal spilled over board at the coal berths, and washings from the wharfs. The greater part of the area dredged has been tested and found clear.

*Sections 20, 21 and 22.*—A dredge cut was run along side the wharf of these sections, to clear away obstructions so as to allow vessels of 25 ft. 3 in. draft at 13 ft. on the sill to be brought close to the wharf.

*Sections 35 and 36, Dominion Coal Co's. Berth.*—A dredge cut was made alongside a part of the wharf, clearing off obstructions to a depth of 25 ft. 3 in. at 13 ft. on the sill, as close to the wharf as practicable.

*Dredging Plant.*—The dredging plant used in 1906 was all owned and operated by the commissioners. It consisted of three bucket or dipper dredges, five floating derricks, five steam screw propeller tugs, three hopper bottomed scows of 200 cubic yards capacity, sixteen deck scows of a capacity of 150 cubic yards each, and three of 67½ cubic yards, besides smaller scows, floats, &c. Further particulars of the vessels are given in the annexed tables. The drilling and blasting boat was not operated in 1906.

All the dredging plant was wintered afloat, in 1905 and 1906, near the Mackay pier opposite the workshops, except Derrick No. 1, which had been hauled out in the fall of 1905 for extensive repairs during the winter and the damaged dredge No. 3, which was hauled out and wintered on the hauling-out slip.

The dredges were served throughout the summer by the Tugs *St. Peter*, *Robert Mackay*, *Aberdeen*, and *Alphonse Racine*. Service was also rendered about half the time by the *Courier*, in carrying men and stores and occasionally in towing scows, the other half of the service being given to the towing of timber for wharf building and repairs.



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The dredges worked by day only, and all continued steadily at work from their dates of commencement until the close of navigation, except Dredge No. 1 which was run into and wrecked by the SS. *Albert M. Marshall* on October 8, and Derrick No. 3, which was laid off in consequence of the disablement of Dredge No. 1.

Dredge No. 1 worked from April 26 until sunk on October 8, No. 2 from May 2, till November 29, and No. 4 from April 26 till November 30.

The aggregate number of days during which the dredging duty on the harbour works, reckoning all days except Sundays and holidays, was for No. 1, 136 days; for No. 2, 170 days; and for No. 4, 183 days, making in all 489 days and the aggregate for all the dredges throughout the season was 4,890 hours. The nominal working time of the dredges was 10 hours a day. The aggregate actual working time, that is, the time during which the dredges actually dredged, exclusive of that lost for repairs, changing positions, detention by ships, irregularities of scow service, and all other causes, was 3,384 hours, an average of about 70 per cent of the nominal working hours.

The derricks worked by day only. Derricks, Nos. 3 and 4 commenced work on April 17, clearing ice off the wharfs; No. 5 commenced work on April 27; No. 6 commenced on May 7, and No. 1 commenced on August 9. The output of the dredges is small and the cost of dredging is high because of the unfavourable conditions under which most of the work is done.

The dredging in Windmill Point basin was cleaning up and that in the harbour, above Victoria pier, was largely in rock and in taking off only a very light cut, or in cleaning cuts previously made, and the material was nearly all trap and shale rock. The dredging in the new ship channel below Victoria pier was largely in the swiftest part of the current and in isolated areas and in light cutting.

The quantity of work done in 1906 was further curtailed by the loss of No. 1 dredge for nearly two months of the working season, and part of the time of the other two dredges was taken up in the work of salving portions of the machinery and other accessible parts of the wreck of Dredge No. 1 in the swift part of St. Mary's current.

The cost and the character of the dredging in different parts of the harbour in 1906 are given below. All the quantities are scow measurements from the tallied number of flat deck scow loads of measured average capacity, or box measurement from the tallied number of boxes placed on scows, containing four cubic yards per box.

The cost of dredging in each case includes its proportion of all the costs of maintaining and working the dredges, tugs and scows as above stated, but does not include the cost of unloading the dredgings from the scows by derricks, which is separately given.

*Aggregate dredging.*—The aggregate quantity dredged at all places during the year was 246,525 cubic yards, box and scow measurement, and the average cost was 34.44 cents per yard. The material was carried on flat scows, either on the open deck from which it was unloaded by clam shells and floating derricks, or in four yard boxes which were lifted and dumped by the derricks. All the dredged stuff was thus unloaded by the derricks, and deposited in or behind crib work for wharf building and in spoil bank. The average cost of the whole derrick work, apart from the scow service, was 11½ cents per cubic yard, scow or box measurement.

The total outlay for working the whole fleet was \$113,748.60, which embraces the entire cost of working the plant and machinery including repairs, outfit, wages, salaries, management charges, insurances, allowance for depreciation of plant, and all charges of every kind, except interest on capital. The allowance for depreciation of the plant is \$18,069.64, and it includes not only the estimated depreciation of the plant in use in 1906, but also upon all the commissioners dredging plant, whether in use or not. It is also to be noted, in making comparison with previous years, that depreciation was not included in the cost of dredging in any year previous to 1896.

The cost of maintaining and working the three dredges was \$38,801.55, or an average of \$79.35 per day per dredge and an average of 15.74 cents per cubic yard dredged.

The cost of maintaining and working the five floating derricks for unloading scows was \$28,848.98, or \$39.57 per day per derrick for 729 days aggregate service, unloading dredged material and an average of 11.52 cts. per cubic yard.



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The cost of maintaining and working the two tugs which attended the dredges was \$31,455.61, an average of \$32.16 per tug per day, and an average of 12.76 cents per cubic yard dredged.

The cost of the scow service was \$14,642.46, an average of 5.94 cents per cubic yard dredged.

The following are the comparative quantities and costs of dredging and unloading for 1906 and for previous years.

Years.	Cubic yards dredged.	Total cost.	Cost per cubic yard.	Kind of dredges employed.
		\$	cents.	
1875	151,719	68,979	45	
1876	156,082	55,462	35.50	
1877	173,499	45,103	26	
1878	211,731	48,748	23	
1879	189,609	41,006	21.63	
1880	186,430	46,914	25.16	
1881	170,764	54,128	31.69	
1882 {	187,339	53,598	28.60	Spoon dredges and stone lifter.
	9,429	13,254	1,40.60	Elevator dredges.
	196,768	66,852	33.96	Totals and average.
1883 {	36,358	17,956	49.38	Spoon dredges and stone lifters.
	6,990	19,385	2,77.30	Elevator dredges—lifting rock.
	43,348	37,341	86.14	Totals and average.
1884	125,648	49,468	39.37	Spoon dredges and stone lifters.
1885	69,494	28,563	41.10	" "
1886	57,728	25,772	44	" "
1887	36,993	23,259	62	" "
1888 {	73,150	36,690	50.16	" "
	2,077	1,333	64.18	Elevator dredges.
	75,227	38,023	50.54	Totals and average.
1889 {	205,283	54,574	26.58	Spoon dredges and spoon lifters.
	9,420	2,996	31.80	Elevator dredges.
	214,703	57,570	26.81	Totals and average.
1890	186,670	53,674	28.60	Spoon dredges and stone lifters.
1891 {	259,267	49,571	19.12	Spoon dredges.
	43,290	14,232	32.87	Elevator dredges.
	302,557	63,803	21.08	Totals and average.
1892	361,947	93,595	25.58	Spoon dredges.
1893	235,280	93,050	39.55	"
1894	312,430	98,858	31.64	"
1895	496,528	99,400	20.02	"
1896	401,938	103,317	25.70	"
1897	284,844	68,211	23.95	"
1898	456,458	61,012	13.37	"
1899	963,131	100,163	10.77	"
1900	1,323,871	163,541	12.25	"
1901	1,359,221	190,242	14	"
1902	1,179,726	217,986	18.48	"
1903	854,510	226,736	26.53	"
1904	810,723	247,914	30.58	"
1905	324,187	141,059	43.51	"
1906	246,525	113,749	45.94	"



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The cost and character of the dredging in different parts of the harbour in 1906 are given below. All the quantities are scow measurements from the tallied number of flat deck scow leads of measured average capacity.

The cost of dredging in each case includes its proportion of all the costs of maintaining and working the dredges, tugs and scows, but does not include the cost of unloading the dredgings from scows by derricks, which is separately given.

*Windmill Point Basin South side deepening.*—Shale and trap rock, partly blasted and partly not blasted, with some admixture of muddy deposit from parts of the deepening work and cleaning of the bottom made in previous years. Depth of water at time of dredging, 33 to 36½ feet; quantity dredged 1,050 cubic yards scow measurement. Expenditure \$378.12. Cost per cubic yard 20½ cts.; unloading by derricks 11½ cts. Of this amount half was charged to places where the material was used and half to dredging account.

*North side deepening.*—Same material as above. Depth of water at time of dredging, 30 to 35 feet; quantity dredged, 2,025 cubic yards. Expenditure, \$1,628.30. Cost per cubic yard, 69 cts. unloading by derricks, 11½ cts. per yard. Of this amount, half was charged to places where the material was used and half to dredging account.

*Windmill Point Basin.—South side cleaning.*—Loose rock, silt and mud with accumulation of coal and sawdust deposit. Depth of water at time of dredging, 25 to 35 feet; quantity dredged, 7,050 cubic yards. Expenditure, \$2,580.92. Cost per cubic yard, 25⅙ cts.; unloading by derricks, 21½ cts. per yard. Of this amount, half was charged to places where the material was used and half to dredging account.

*North side cleaning.*—Same material as above. Depth of water at time of dredging, 26 to 36 feet; quantity dredged, 31,275 cubic yards. Expenditure, \$14,475.64. Cost per cubic yard, 34¾ cts.; unloading by derricks, 11½ cts. per yard. Of this amount, half was charged to places where the material was used and half to dredging account.

*Basin sections 12 to 14.*—Between entrance to canal and Alexandria pier.—Material, rock, hardpan, sand and stones with some mud. Depth of water at time of dredging, 27 to 38 feet; quantity dredged, 39,225 cubic yards. Expenditure, \$16,255.68. Cost per cubic yard, 30 cts.; unloading by derricks, 11½ cts. per yard. Of this amount, half was charged to places where the material was used and half to dredging account.

*Basin section 15.*—Between Alexandria and King Edward piers.—Material, silt and mud in detached spots. Depth of water at time of dredging, 29 to 32 feet; quantity dredged, 4,575 cubic yards. Expenditure, \$1,299.12. Cost per cubic yard, 16⅞ cts.; unloading by derricks, 11½ cts. per cubic yard. Of this amount, half was charged to places where the material was used and half to dredging account.

*Basin sections 16 and 17.*—Between King Edward and Jacques Cartier piers.—Material, silt and mud in small spots. Depth of water at time of dredging 29 to 37 feet; quantity dredged, 15,375 cubic yards. Expenditure, \$5,093.28. Cost per cubic yard, 21½ cts. Unloading by derricks, 11½ cts. per yard. Of this amount, half was charged to places where the material was used and half to dredging account.

*Basin, section 21.*—Inside Victoria pier.—Material, silt and mud in small areas. Depth of water at time of dredging, 26 to 35 feet; quantity dredged, 6,825 cubic yards. Expenditure, \$2,937.24; cost per cubic yard, 31½ cts.; unloading by derricks, 11½ cts. per yard. Of this amount, half was charged to places where the material was used and half to dredging account.

*Section 36.*—Dominion Coal Co's. berth.—Cleaning out silt and deposit alongside wharf. Depth of water at time of dredging, 28 feet; quantity dredged, 800 cubic yards. Expenditure, \$307.26. Cost per cubic yard, 26⅙ cts.; unloading by derricks, 11½ cts. per yard. Of this amount, half was charged to places where the material was used and half to dredging account.

*Basin, section 46.*—Below Sutherland pier.—Material, sand for blinding roadways. Depth of water at time of dredging, 33 to 34 feet; quantity dredged, 2,400 cubic yards. Expenditure, \$826.06. Cost per cubic yard, 24½ cts.; unloading by derricks, 11½ cts. per yard. Of this amount, half was charged to places where the material was used, and half to dredging account.

*Sections 12 to 20.*—Material, principally shale and trap rock, partly blasted in former years, with some silt and stones. Depth of water at time of dredging, 28 to 37



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feet ; quantity dredged 39,675 cubic yards. Expenditure, \$18,992.42. Cost per cubic yard,  $36\frac{3}{8}$  cts. ; unloading by derricks,  $11\frac{1}{2}$  cts. per yard. Of this amount half was charged to places where the material was used and half to dredging account.

*Sections 21 to 36.*—Ship channel in current St. Mary's. Material, hardpan, gravel, sand and boulders, chiefly in small detached shoals. Depth of water at time of dredging, 28 to 40 feet ; quantity dredged 96,250 cubic yards ; expenditure, \$48,535.22 ; cost per cubic yard, 39 cts. ; unloading by derricks  $11\frac{1}{2}$  cts. per yard. Of this amount half was charged to places where the material was used and half to dredging account.

*Section 12.*—Surplus dredgings to the extent of 8,625 yards were deposited by derricks in spoil bank near the ship yard. Half cost of material, charged to place of deposit, \$1,766.59.

*Mackay Pier.*—Surplus of dredgings were deposited by derricks during the season on the lower end of the guard pier, principally on the outer side. 110,660 cubic yards. Half cost of dredging and derrick work charged to place of deposit, \$24,340.61.

*Sections 50 to 53.*—Spoil bank on river beach. Surplus dredgings, that is dredgings beyond those which were required for construction work, to the extent of 80,265 cubic yards, scow measurement, were deposited by derrick along the river beach in sections 50 to 53, in such way as to be available for forming part of future wharf filling or embankment for extension of railway tracks. Half cost of dredging and derrick work charged to spoil bank, \$18,715.

Appended are tables giving additional particulars of the dredging work and dredging plant, and of the repairs done in 1906.

Yours respectfully,

(Signed) JOHN KENNEDY,  
*Chief Engineer.*



























